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*apo***Yohimbine**, and its hydrochloride (BARGER and FIELD), 1040.

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FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

C_1 Group.

CH_4 Methane, catalytic preparation of (MEDSFORTH), 1452; synthesis of the polyacetic acids of (DREIFUSS and INGOLD), 2964.

CO Carbon monoxide, catalytic action of water vapour on (MEDSFORTH), 1464; explosion of mixtures of air and (BONE, NEWITT, and TOWNEND), 2008; explosion of mixtures of hydrogen and (DIXON and WALLS), 1025; combustion of mixtures of hydrogen, air, and (PAYMAN and WHEELER), 1251.

1 II

CHN Hydrocyanic acid, sodium salt, vapour pressure curve for (INGOLD), 885.

CH_2O_2 Formic acid and its esters, preparation and rotation of (PICKARD, KENYON, and HUNTER), 9; decomposition of (HINSHELWOOD and HARTLEY), 1333; thermal decomposition of the vapour of (HINSHELWOOD and TOPLEY), 1014.

CH_2N_2 Cyanamide, condensation of aromatic aminosulphonic acids with (SCOTT and COHEN), 3177.

CH_4O Methyl alcohol, estimation of acetone in, and its purification (BATES, MULLALY, and HARTLEY), 401.

CH_5N Methylamine, photosynthesis of (BALY, HEILBRON, and STERN), 186.

CNS Thiocyanogen, action of, on unsaturated compounds (CHALLENGER, SMITH, and PATON), 1046.

1 III

CHON Cyanic acid, detection of (WERNER), 2577.
*iso*Cyanic acid, condensation of aromatic aminosulphonic acids with (SCOTT and COHEN), 3177.

CHO_3N_3 Nitroform, electrical conductivity and reduction of derivatives of (HENDERSON, HIRST, and MACBETH), 1130.

CHNS Thiocyanic acid, action of, on unsaturated compounds (CHALLENGER, SMITH, and PATON), 1046.

CO_2NBr_3 Bromopicrin, preparation and reactions of (HUNTER), 543.

C_2 Group.

C_2H_4 Ethylene, reaction of bromine with (NORRISH), 3006.

2 II

$C_2H_2O_4$ Oxalic acid, aquopentammine cobaltic salt (DUFF), 565; esterification of (DUIT), 2714.

$C_2H_4O_2$ Acetic acid, binary critical solution temperatures as criteria of the purity of (JONES), 1374.

$C_2H_4O_2$ Glycollic acid, preparation of, from paraformaldehyde (HAMMICK and BOEREE), 2881.

$C_2H_4S_2$ Ethylene disulphide, oxidation of (RÂY), 2176.

C_2H_6O Ethyl alcohol, solubility of substances in mixtures of water and (WRIGHT), 2493; action of, on ammonium sulphates (DUNNICLIFF), 476.

$C_2H_6S_5$ Dimethyl pentasulphide (RIDING and THOMAS), 3277.

C_2H_6Hg Mercury dimethyl, preparation of (MAYNARD and HOWARD), 960.

$C_2N_2S_3$ Substance, from 2:5-dithiol-1:3:4-thiodiazole and sulphur monochloride (CHAKRAVARTI), 967.

2 III

$C_2H_2O_2Cl_2$ Dichloroacetic acid, molecular refraction of, and of its derivatives (VANDERSTICHELE), 1225; isomorphism of the amides and substituted amides of chlorobromoacetic acid and (MCKIE), 2213.

$C_2H_3O_2Cl$ Chloroacetic acid, molecular refraction of, and of its derivatives (VANDERSTICHELE), 1225.

C_2H_5OLi Lithium ethoxide, action of hydrogen sulphide on (JONES and THOMAS), 3285.

$C_2H_5O_3N_3$ Semioxamazide, derivatives of (WILSON and PICKERING), 394.

$C_2H_6O_4S$ Methyl sulphate, action of, on diphenylamine and on methyldiphenylamine (GIBSON and VINING), 831.

$C_2H_6O_6S_2$ Ethane-$\alpha\beta$-disulphonic acid, barium salt (RÂY), 2176.

$C_2O_8N_4K_2$ *s*-Dipotassium tetranitroethane (HUNTER), 547.

2 IV

$C_2H_2O_2ClBr$ Chlorobromoacetic acid, molecular refraction of, and of its derivatives (VANDERSTICHELE), 1225; isomorphism of the amides and substituted amides of dichloroacetic acid and (MCKIE), 2213.

$C_2H_2O_2ClI$ Chloroiodoacetic acid, and its barium salt (CROMPTON and CARTER), 576.

$C_2H_4OCl_2S$ $\alpha\alpha'$-Dichlorodimethyl sulphoxide (MANN and POPE), 1174.

$C_2H_7O_9N_4Co$ Oxalatodinitrodiamminecobaltic acid, barium and strychnine salts (THOMAS), 619.

$C_2H_{16}O_5N_5Co$ Oxalatopentamminecobaltic hydroxide, nitrate of ($+2H_2O$) (DUFF), 566.

2 V

$C_2H_{18}O_6N_5SCo$ Sulphoacetatopentamminecobaltic hydroxide, nitrate of (DUFF), 566.

$C_2H_{34}O_{18}N_{12}S_4Co_2$ Methionatodipentamminecobaltic nitrate methionate (DUFF), 566.

C_3 Group.

$C_3H_4O_4$ Malonic acid, conversion of, into *d*-malic acid (MCKENZIE and PLENDERLEITH), 1090.

C_3H_6O Acetone, estimation of, in methyl alcohol (BATES, MULLALY, and HARTLEY), 401.

$C_3H_6O_3$ Lactic acid, complex copper salts of (WARK), 1815; rotatory dispersion of esters of (WOOD, SUCH, and SCARF), 600.

$C_3H_8O_3$ Glycerol, mutual solubility of alcohols, aldehydes, and phenols with (McEwen), 2284; mutual solubility of ketones and (McEwen), 2279.

C_3H_9N Trimethylamine, addition of *p*-nitrobenzyl chloride to (Dexter, McCombie, and Scarborough), 1237.

3 III

$C_3H_3O_3Br$ Bromopyruvic acid (Ward), 2210.

$C_3H_3N_2Br$ 2-Bromoglyoxaline, and its salts (King and Murch), 626.

C_3H_4ON Cyanoacetamide (Curtis, Day, and Kimmins), 3131.

C_3H_7OCl Propyl hypochlorites (Chattaway and Backeberg), 3001.

3 IV

$C_3H_5ONCl_2$ Dichloroacetomethylamide (McKie), 2214.

$C_3H_7O_2NS$ Cysteine, oxidation and reduction potentials of (Dixon and Quastel), 2943.

$C_3H_9O_9N_4Co$ Malonatodinitro-*cis*-diamminecobaltic acid, barium salt (Thomas), 619.

$C_3H_{36}O_6N_{10}Co_2$ Malonatodipentamminecobaltic hydroxide, nitrate of (+ H_2O) (Duff), 566.

3 V

$C_3H_5ONClBr$ Chlorobromoacetomethylamide (McKie), 2214.

C_4 Group.

$C_4H_6O_3$ Acetic anhydride, interaction of bromine with (Orton, Watson, and Bayliss), 3081.

$C_4H_6O_5$ Malic acid, complex copper salts of (Wark), 1826.

d-Malic acid, preparation of, from malonic acid (McKenzie and Plenderleith), 1090.

r-Malic acid, resolution of (McKenzie, Plenderleith, and Walker), 2879.

$C_4H_6O_6$ Racemic acid, optical activation of (McKenzie, Plenderleith, and Walker), 2875.

C_4H_6S Divinyl sulphide, action of halogen hydrides on (Bales and Nickelson), 2486.

$C_4H_8S_3$ Diethylidene trisulphide (Mann and Pope), 1177.

$C_4H_9N_3$ 4-Amino-3:5-dimethylpyrazole, condensation of, with aromatic aldehydes (Morgan and Ackerman), 1311.

$C_4H_{10}N_2$ Piperazine, hydroferrocyanide of (Cumming), 2457.

$C_4H_{10}S_4$ Substance, from ethyl mercaptan and sulphur monochloride (Chakravarti), 966.

$C_4H_{10}S_5$ Diethyl pentasulphide (Riding and Thomas), 3275.

$C_4H_{10}S_6$ Substance, from dithioethylene glycol and sulphur monochloride (Chakravarti), 966.

4 III

$C_4H_2N_4Pt$ Hydroplatinocyanic acid, equilibrium of mixtures of lithium and potassium salts of, and their hydrates (Terrey and Jolly), 2217.

$C_4H_4O_5Cu$ Cuprimalic acid, salts of (Wark), 1832.

$C_4H_5O_3Cl_3$ *r*-γγγ-Trichloro-β-hydroxybutyric acid, resolution of (McKenzie and Plenderleith), 1092.

$C_4H_5N_2Br$ 2-Bromo-4-methylglyoxaline, and its picrate (Pyman and Timmis), 498.

$C_4H_5N_2I$ 4-Iodo-3-(or 5-)methylpyrazole, and its salts (Morgan and Ackerman), 1315.

$C_4H_7O_2Br$ Ethyl bromoacetate, addition of, to pyridine (Dexter, McCombie, and Scarborough), 1236.

C_4H_7ClS α-Chloroethyl vinyl sulphide (Bales and Nickelson), 2488.
C_4H_7BrS α-Bromoethyl vinyl sulphide (Bales and Nickelson), 2488.
$C_4H_8O_2S$ 1:4-Thioxan sulphoxide (Cashmore), 1741.
$C_4H_8Cl_2S$ ββ′-Dichlorodiethyl sulphide, hydrolysis of (Bales and Nickelson), 2486; interaction of, with glycine ester and with potassium phthalimide (Cashmore and McCombie), 2884.
$C_4H_8Br_2S$ αα′-Dibromodiethyl sulphide (Bales and Nickelson), 2488.
C_4H_9OCl Butyl hypochlorites (Chattaway and Backeberg), 3001.
$C_4H_9O_2N$ Ethyl glycine, interaction of, with ββ′-dichlorodiethyl sulphide, sulphone, and sulphoxide (Cashmore and McCombie), 2884.
$C_4H_{10}O_3S$ ββ′-Dihydroxydiethyl sulphoxide (Cashmore), 1742.
$C_4H_{10}O_8S_3$ Diethylsulphonedisulphonic acid, barium salt (Rây), 2176.
$C_4H_{11}OTl$ Thalliumdiethyl hydroxide, salts of (Goddard), 1166.
$C_4H_{12}NBr_3$ Tetramethylammonium tribromide (Chattaway and Hoyle), 656.
$C_4H_{18}O_5N_5$ Maleatopentamminecobaltic hydroxide, nitrate of (Duff), 567.

4 IV

$C_4H_3O_2N_2Br$ 5-Bromoglyoxaline-4-carboxylic acid, and its nitrate (King and Murch), 628.
$C_4H_3O_2N_2I$ 4-Iodopyrazolecarboxylic acid, and its silver salt (Morgan and Ackerman), 1315.
$C_4H_5ONCl_2$ Dichloroacetoethylamide (McKie), 2215.
$C_4H_7ON_3S$ 2:4-Diketo-5-methyltetrahydrothiazole-2-hydrazone, hydrochloride of (Wilson and Burns), 801.
C_4H_8ONCl Butyrylchloroamides (Roberts), 2781.
$C_4H_8OCl_2S$ ββ′-Dichlorodiethyl sulphoxide, hydrolysis of (Cashmore), 1738; interaction of, with glycine ester and with potassium phthalimide (Cashmore and McCombie), 2884.
$C_4H_8O_2Cl_2S$ ββ′-Dichlorodiethylsulphone, hydrolysis of (Cashmore), 1738; interaction of, with glycine ester and with potassium phthalimide (Cashmore and McCombie), 2884.
C_4H_8ClBrS α-Chloro-α′-bromodiethyl sulphide (Bales and Nickelson), 2488.
$C_4H_{10}ClS_2Pt$ Substance, from diethyl disulphide and platinic chloride (Rây), 139.
$C_4H_{12}NClI_4$ Tetramethylammonium tetraiodochloride (Chattaway and Hoyle), 658.
$C_4H_{12}NCl_2Br$ Tetramethylammonium dichlorobromide (Chattaway and Hoyle), 655.
$C_4H_{12}NBrI_2$ Tetramethylammonium di-iodobromide (Chattaway and Hoyle), 656.
$C_4H_{12}NBrI_4$ Tetramethylammonium tetraiodobromide (Chattaway and Hoyle), 658.
$C_4H_{12}NBrI_6$ Tetramethylammonium hexaiodobromide (Chattaway and Hoyle), 658.
$C_4H_{20}O_7N_5Co$ Mesotartratopentamminecobaltic hydroxide, nitrate of (+2H_2O) (Duff), 569.
$C_4H_{36}O_8N_{10}Co_2$ Maleatodipentamminecobaltic hydroxide, nitrate of (Duff), 567.
$C_4H_{36}O_9N_{10}Co_2$ Malatodipentamminecobaltic hydroxide, nitrate of (Duff), 567.

4 V

$C_4H_7ONClBr$ Chlorobromoacetoethylamide (McKie), 2215.

$C_4H_{12}NClBrI$ Tetramethylammonium chlorobromoiodide (CHATTAWAY and HOYLE), 655.

C_5 Group.

C_5H_8 Hydrocarbon, from dibromodimethyl*cyclo*propane, oxidation of (INGOLD), 1711.

5 II

C_5H_5N Pyridine, photosynthesis of (BALY, HEILBRON, and STERN), 188; addition of ethyl bromoacetate to (DEXTER, MCCOMBIE, and SCARBOROUGH), 1236; ferrocyanides of, and its separation from *iso*quinoline (CUMMING), 2461.

$C_5H_{10}O_5$ Xylose, structure of (HIRST and PURVES), 1352; preparation of, from maize cobs (LING and NANJI), 620.

$C_5H_{11}N$ Piperidine, photosynthesis of (BALY, HEILBRON, and STERN), 188; hydroferrocyanide of (CUMMING), 2457.

$C_5H_{13}N$ Methyldiethylamine, preparation of, and its chloroplatinate (G. M. and R. ROBINSON), 539.

5 III

$C_5H_4OS_2$ 2-Dithiobenzoyl, action of primary amines with (MCCLELLAND and LONGWELL), 3311.

$C_5H_7N_2Cl$ 4-Chloro-3:5-dimethylpyrazole (MORGAN and ACKERMAN), 1317.

$C_5H_7N_2Br$ 4-Bromo-3:5-dimethylpyrazole, and its chloroaurate (MORGAN and ACKERMAN), 1316.

$C_5H_7N_2I$ 4-Iodo-3:5-dimethylpyrazole, and its salts (MORGAN and ACKERMAN), 1313.

$C_5H_8O_{12}N_4$ Pentaerythritol nitrate, crystal structure of (KNAGGS), 77.

$C_5H_9O_2N_3$ Acetonesemioxamazone, and its sodium salt (WILSON and PICKERING), 395.

$C_5H_{11}OCl$ *tert.*-Amyl hypochlorite (CHATTAWAY and BACKEBERG), 3002.

5 IV

$C_5H_4ON_4S_2$ 2:6-Dithiol-8-hydroxypurine, and its sodium salt (RÂY, CHAKRAVARTI, and BOSE), 1959.

$C_5H_5O_2N_2Br$ 2-Bromo-4-methylglyoxaline-5-carboxylic acid (PYMAN and TIMMIS), 498.

$C_5H_6O_2N_2I$ 4-Iodo-3-(or 5-)methylpyrazolecarboxylic acid, and its silver salt (MORGAN and ACKERMAN), 1316.

$C_5H_6O_3N_3Br$ Bromonitrodimethylglyoxalines (PYMAN and TIMMIS), 502.

$C_5H_7O_5N_2S$ 5-Nitro-1:4-dimethylglyoxaline-2-sulphonic acid (PYMAN and TIMMIS), 502.

$C_5H_7N_2ICl_2$ 4-Iodo-3:5-dimethylpyrazole dichloride (MORGAN and ACKERMAN), 1314.

$C_5H_7N_2IBr_2$ 4-Iodo-3:5-dimethylpyrazole dibromide (MORGAN and ACKERMAN), 1314.

$C_5H_8O_3N_2S$ 3:5-Dimethylpyrazole-4-sulphonic acid ($+1\frac{1}{2}H_2O$) (MORGAN and ACKERMAN), 1318.

C_5H_8NIS 2-Methyltriazole methiodide (SMITH), 2290.

$C_5H_8N_2I_2Cl_2$ 4-Iodo-3:5-dimethylpyrazole iodochloride hydrochloride (MORGAN and ACKERMAN), 1314.

$C_5H_9ON_3S$ 2:4-Diketo-5-ethyltetrahydrothiazole-2-hydrazone, and its hydrochloride (WILSON and BURNS), 802.

$C_5H_{33}O_9N_{10}Co_2$ Citraconatodipentamminecobaltic hydroxide, nitrate of (DUFF), 568.

Itaconatodipentamminecobaltic hydroxide, nitrate of (DUFF), 568.

$C_5H_{20}O_6N_{10}Co_2$ Glutaratodipentammincobaltic hydroxide, nitrate of (DUFF), 568.

5 V

$C_5H_7O_2N_2ClS$ 3:5-Dimethylpyrazole-4-sulphonyl chloride (MORGAN and ACKERMAN), 1318.

C_6 Group.

C_6H_6 Benzene, constitution of (FRASER), 2712; Tesla-luminescence spectrum of (MCVICKER, MARSH, and STEWART), 642; (MCVICKER and MARSH), 817; fluorescence spectrum of the vapour of (MCVICKER and MARSH), 820; and its homologues, fluorescence spectra of the vapours of (MARSH), 3315; distribution of fatty acid between water and (BROWN and BURY), 2430.

6 II

$C_6H_4Br_2$ *p*-Dibromobenzene, reaction between magnesium and (PINK), 3418.

$C_6H_4Cl_2$ *p*-Dichlorobenzene, nitration of (PAGE and HEASMAN), 3247.

$C_6H_5N_3$ Benz*iso*triazole, chloroplatinate of (MILLS and SCHINDLER), 321.

C_6H_6O Phenol, velocity of nitration of (ARNALL), 3111.

$C_6H_6O_4$ 3-Methyl-Δ^2-*cyclo*propene-1:2-dicarboxylic acid (GOSS, INGOLD, and THORPE), 348.

$C_6H_8O_4$ *trans*-3-Methyl*cyclo*propane-1:2-dicarboxylic acid (GOSS, INGOLD, and THORPE), 3353.

$C_6H_8N_2$ Phenylenediamines, solubility of (SIDGWICK and NEILL), 2813.

$C_6H_{12}O_6$ Galactose, structure of (PRYDE), 1808.

Glucose, action of concentrated hydrochloric acid on derivatives of (HIRST and MORRISON), 3226.

$C_6H_{12}S_3$ Triethylene trisulphide, oxidation of (RÂY), 2174.

Trithioacetaldehydes, isomeric (MANN and POPE), 1178.

$C_6H_{12}S_4$ Triethylene tetrasulphide, oxidation of (RÂY), 2174.

$C_6H_{14}S_5$ Dipropyl pentasulphide (RIDING and THOMAS), 3278.

6 III

$C_6H_3O_{12}Al$ Aluminioxalic acid, sodium salt, dissociation of (BURROWS and WALKER), 2741.

$C_6H_3O_{12}Cr$ Chromoxalic acid, dissociation of salts of (BURROWS and WALKER), 2740.

$C_6H_3O_{12}Fe$ Ferrioxalic acid, dissociation of salts of (BURROWS and WALKER), 2741.

$C_6H_3N_6Co$ Hydrocobalticyanic acid, potassium salt, dissociation of (BURROWS), 2029.

$C_6H_3N_6Cr$ Hydrochromicyanic acid, potassium salt, dissociation of (BURROWS), 2029.

$C_6H_3N_6Fe$ Hydroferricyanic acid, potassium salt, dissociation of (BURROWS), 2028.

$C_6H_4O_3N_4$ 6-Nitro-1-hydroxy-1:2:3-benzotriazole (BRADY and DAY), 2266.

$C_6H_4N_6Fe$ Hydroferrocyanic acid, salts, dissociation of (BURROWS), 2028; salts of, with organic bases (CUMMING), 2457.

$C_6H_5O_2N$ Nitrobenzene, freezing point of, and its use in cryoscopy (ROBERTS and BURY), 2037.

$C_6H_5O_4Br$ 1-Bromo-3-methyl-Δ^2-*cyclo*propene-1:2-dicarboxylic acid (GOSS, INGOLD, and THORPE), 3356.

$C_6H_5N_3Cl_2$ 2:4:6-Trichlorophenylhydrazine, and its hydrochloride (ELLIOTT), 812.

$C_6H_5N_3S$ Benzo*iso*triazolyl mercaptan (MILLS and SCHINDLER), 321.

$C_6H_6O_4Br_2$ *trans*-1:2-Dibromomethyl*cyclo*propane-1:2-dicarboxylic acid (Goss, Ingold, and Thorpe), 3355.

$C_6H_6N_2Br_2$ 3:4-Dibromophenylhydrazine, preparation of (Humphries, Bloom, and Evans), 1769.

$C_6H_8O_2Cl$ 3-Acetylpropionylchloromethane, copper salt (Morgan and Reeves), 449.

$C_6H_8O_2Te$ Tellurium acetylpropionylmethane (Morgan and Reeves), 450.

$C_6H_8O_4Cl_2$ $\beta\beta'$-Dichloroadipic acid (Farmer), 2540.

$C_6H_{11}O_2N_3$ Methyl ethyl ketone semioxamazone, and its sodium salt (Wilson and Pickering), 395.

$C_6H_{12}O_4S_2$ Triethylenedisulphone disulphide ($+H_2O$) (Rây), 2177.

$C_6H_{12}O_6S_3$ Triethylenetrisulphone (Rây), 2177.

$C_6H_{14}O_4S$ $\beta\beta'$-Dimethoxydiethylsulphone (Cashmore), 1743.

$C_6H_{14}O_{10}S_4$ Triethylenedisulphonedisulphonic acid, barium salt (Rây), 2176.

$C_6H_{15}S_6Pt$ Substance, from dithioethylene glycol and platinic chloride (Rây), 138.

6 IV

$C_6H_2O_2N_2Cl_4$ Dichloronitrophenyldichloroamines (Orton and Bayliss), 2792.

$C_6H_4O_2NCl$ 3-Chlorobenzoquinone-4-oximes, stereoisomeric (Hodgson and Moore), 2504.

3-Chloro-4-nitrosophenol (Hodgson and Moore), 2499.

$C_6H_4O_3NI$ 4-Iodo-6-nitrophenol (Roberts), 2710.

$C_6H_6O_2N_2Br_2$ $\alpha\alpha'$-Dibromomuconamides, isomeric (Farmer), 2544.

$C_6H_7O_2N_2Br$ Ethyl 5-bromoglyoxaline-4-carboxylate (King and Murch), 628.

$C_6H_8O_2Cl_2Te$ Tellurium acetylpropionylmethane dichloride (Morgan and Reeves), 450.

$C_6H_8O_2Br_2Te$ Tellurium acetylpropionylmethane dibromide (Morgan and Reeves), 451.

$C_6H_8O_2I_2Te$ Tellurium acetylpropionylmethane di-iodide (Morgan and Reeves), 451.

$C_6H_{11}O_4NS$ 1:4-Sulphonazan-4-acetic acid, and its salts (Cashmore and McCombie), 2888.

$C_6H_{20}O_7N_5Co$ Citratopentamminecobalt ($+2H_2O$) (Duff), 569.

$C_6H_{34}O_{14}N_{12}Co_2$ Malonatopentamminecobaltic malonate nitrate ($+2H_2O$) (Duff), 570.

$C_6H_{42}O_8N_{10}Co_2$ Adipatodipentamminecobaltic hydroxide, nitrate of (Duff), 568.

$C_6H_{56}O_{13}N_{15}Co_3$ Citratotripentamminecobaltic hydroxide, dihydrogen citrate of (Duff), 571.

6 V

$C_6H_4O_4NClS$ 6-Chloro-3-nitrobenzenesulphinic acid (Krishna), 157.

$C_6H_6O_2NIS$ Benzenesulphoniodoamide, potassium salt (Roberts), 851.

$C_6H_6O_3NBrS$ *o*-Bromoaniline-*p*-sulphonic acid (Scott and Cohen), 3185.

C_7 Group.

C_7H_6O Benzaldehyde, nitration of (Brady and Harris), 484.

$C_7H_6O_2$ Benzoic acid, and its salts, neutralisation of (Prideaux), 1626.

Hydroxybenzaldehydes, solubility of (Sidgwick and Allott), 2819.

$C_7H_6O_2$ β-Resorcylaldehyde, synthesis of (SHOESMITH and HALDANE), 2704.
Salicylic acid, and its salts, neutralisation of (PRIDEAUX), 1628.
$C_7H_6O_4$ 3- and 4-Methyl-α-pyrone-6-carboxylic acids (HIGGINBOTHAM and LAPWORTH), 1328.
$C_7H_8O_5$ γ-Oxalyldimethylacrylic acids (HIGGINBOTHAM and LAPWORTH), 1329.
$C_7H_{10}O_5$ 3-Methoxy-3-methyl*cyclo*propane-1:2-dicarboxylic acid (GOSS, INGOLD, and THORPE), 3358.
$C_7H_{10}O_6$ Methanetriacetic acid, synthesis of (DREIFUSS and INGOLD), 2964.
$C_7H_{10}S_3$ *cyclo*Hexylene trithiocarbonate (MILLS and SCHINDLER), 320.
$C_7H_{12}O_5$ β-Methoxyadipic acid (FARMER), 3331.

7 III

$C_7H_4OS_2$ 2-Dithiobenzoyl, preparation and reactions of (MCKIBBEN and MCCLELLAND), 170.
C_7H_5ON Phenylcarbimide, condensation of aromatic aminosulphonic acids with (SCOTT and COHEN), 3177.
C_7H_5OCl Benzoyl chloride, chlorination of (HOPE and RILEY), 2470.
$C_7H_5O_3N$ *o*-Nitrobenzaldehyde, monotropy of (BRADY and HARRIS), 484.
$C_7H_5O_3Br$ 3-Bromosalicylic acid, preparation of, and its salts (MELDRUM and SHAH), 1990.
$C_7H_6O_3N_4$ Nitrohydroxymethyl-1:2:3-benzotriazoles (BRADY and DAY), 2261.
6-Nitro-1-methoxy-1:2:3-benzotriazole (BRADY and DAY), 2266.
$C_7H_6O_6S$ Sulphosalicylic acid ($+2H_2O$), constitution of (MELDRUM and SHAH), 1986.
$C_7H_7O_3N$ Nitrocresols (GIBSON), 1272.
$C_7H_7O_4N_2$ Dinitrotoluenes, preparation of (PAGE and HEASMAN), 3235.
$C_7H_{13}O_2N_3$ Methyl *iso*propyl ketone semioxamazone (WILSON and PICKERING), 395.
$C_7H_{14}N_4S_2$ Substance, from thioacetamide and sulphur monochloride (CHAKRAVARTI), 968.
$C_7H_{17}ON$ Dimethylaminomethyl *iso*butyl ether (G. M. and R. ROBINSON), 536.

7 IV

$C_7H_4O_2ClI$ 3-Chloro-2-iodobenzoic acid (CHRISTIE, JAMES, and KENNER), 1949.
$C_7H_4O_4NCl$ 3-Chloro-5-nitro-2-hydroxybenzaldehyde (DAVIES and RUBENSTEIN), 2850.
$C_7H_4O_5NCl$ 3-Chloro-5-nitro-2-hydroxybenzoic acid (DAVIES and RUBENSTEIN), 2852.
$C_7H_4O_5NBr$ 2-Bromo-4-nitrosalicylic acid (DEY and ROW), 3380.
C_7H_5ONS 2-Thiobenzimide (MCKIBBEN and MCCLELLAND), 173.
$C_7H_5O_6BrS$ 3-Bromo-5-sulpho-2-hydroxybenzoic acid, and its salts (MELDRUM and SHAH), 1989.
$C_7H_6O_3NCl$ *p*-Nitrobenzyl chloride, addition of, to trimethylamine (DEXTER, MCCOMBIE, and SCARBOROUGH), 1237.
$C_7H_6O_2NI$ 2-Iodo-3-aminobenzoic acid, hydrochloride of (CHRISTIE, JAMES, and KENNER), 1949.
$C_7H_6O_5Cl_2S_2$ *p*-Cresoldisulphonyl chloride (GIBSON and SMILES), 2390.
$C_7H_8ON_4S_2$ 2:6-Dithiol-8-hydroxypurine dimethyl ether (RÂY, CHAKRAVARTI, and BOSE), 1960.
2:6-Dithiol-8-oxy-7:9-dimethylpurine, and its potassium salt (RÂY, CHAKRAVARTI, and BOSE), 1962.

$C_7H_9ON_2I$ Acetyl-4-iodo-3:5-dimethylpyrazole (MORGAN and ACKERMAN), 1313.

$C_7H_9ON_2Br$ 1-Acetyl-3:5-dimethylpyrazole (MORGAN and ACKERMAN), 1316.

$C_7H_9O_2NSe$ Cyano-3-selenium acetylpropionylmethane, and its copper salt (MORGAN and REEVES), 449.

$C_7H_9O_2N_2Br$ Ethyl 2-bromo-4-methylglyoxaline-5-carboxylate (PYMAN and TIMMIS), 498.

$C_7H_9O_4N_2S$ *p*-Aminophenylcarbamidesulphonic acid (SCOTT and COHEN), 3182.

p-Nitrotoluene-ω-sulphonhydrazide (CLUTTERBUCK and COHEN), 2514.

$C_7H_{10}O_2N_2S$ Toluene-ω-sulphonhydrazide (CLUTTERBUCK and COHEN), 2513.

$C_7H_{11}ON_3S$ 2:4-Diketo-5-methyltetrahydrothiazole-2-*iso*propylidenehydrazone (WILSON and BURNS), 801.

$C_7H_{19}O_5N_4Co$ Salicylatotetramminecobaltic hydroxide, salts of (MORGAN and SMITH), 1100.

7 V

$C_7H_6O_5NClS$ 6-Chloro-5-nitro-*m*-toluenesulphonic acid, sodium salt, as a reagent for potassium (H. and W. DAVIES), 2978.

$C_7H_7ON_4ClS$ 2-Chloro-6-thiol-8-oxy-7:9-dimethylpurine, and its salts (RÂY, CHAKRAVARTI, and BOSE), 1960.

$C_7H_7O_4N_2ClS$ 5-Chlorophenylcarbamide-*o*-sulphonic acid, potassium salt (SCOTT and COHEN), 3184.

p-Chlorophenylcarbamide-*o*-sulphonic acid, and its salts (SCOTT), 3198.

$C_7H_7O_4N_2BrS$ *p*-Bromophenylcarbamide-*o*-sulphonic acid, and its salts (SCOTT), 3199.

p-Bromophenylcarbamide-*m*-sulphonic acid (SCOTT and COHEN), 3184.

$C_7H_8O_2NIS$ Toluenesulphoniodoamides, potassium and sodium salts (ROBERTS), 851.

$C_7H_8O_3N_3ClS$ *p*-Chlorophenylguanidine-*o*-sulphonic acid, and its potassium salt (SCOTT and COHEN), 3188.

$C_7H_8O_3N_3BrS$ *p*-Bromophenylguanidine-*o*-sulphonic acid, and its potassium salt (SCOTT and COHEN), 3187.

$C_7H_9O_2N_2ClS$ *p*-Chlorotoluene-ω-sulphonhydrazide (CLUTTERBUCK and COHEN), 2514.

C_8 Group.

$C_8H_4O_3$ Phthalonic anhydride (KURODA and PERKIN), 2105.

C_8H_8O Acetophenone, bromination of (WARD), 2207.

$C_8H_8O_2$ Hydroxytolualdehydes, solubility of (SIDGWICK and ALLOTT), 2819.

$C_8H_8O_7$ Oxalacetic acid, derivatives of, from tartaric acid (CHATTAWAY and PARKES), 663.

$C_8H_8N_4$ 2:5-Imino-1-phenyldihydro-1:2:3-triazole, and its picrate (DUTT), 271.

C_8H_9N Coniine, photosynthesis of (BALY, HEILBRON, and STERN), 191.

$C_8H_{10}O_4$ Methyl 3-methyl-Δ^2-*cyclo*propene-1:2-dicarboxylate, sodium salt (GOSS, INGOLD, and THORPE), 3357.

Methyl muconates, isomeric (FARMER), 2547.

1:3:3-Trimethyl*cyclo*propan-2-ol-1:2-dicarboxylactone (PANDYA and THORPE), 2864.

$C_8H_{10}O_6$ β-Hydroxybutane-αδ-dicarboxylic-γ-acetic lactone (FARMER), 3337.

3-Methyl*cyclo*propane-1:2-dicarboxylic-3-acetic acid (FARMER), 3337.

$C_8H_{10}N_2$ Benzenylmethylamidine, and its salts (PYMAN), 3369.

$C_8H_{12}O_4$ *cis*-Homocaronic acid, and its silver salt (SIMONSEN and RAU), 556.
cis- and *trans*-3-Methyl-3-ethyl*cyclo*propane-1:2-dicarboxylic acids (SINGH and THORPE), 121.
$C_8H_{12}O_{15}$ 3-Ethoxy-3-methyl*cyclo*propane-1:2-dicarboxylic acid (GOSS, INGOLD, and THORPE), 360.
α-Keto-ββ-methylethylglutaric acid (SINGH and THORPE), 120.
trans-Lactonic acid of αα′-dihydroxy-ββ-methylethylglutaric acid (SINGH and THORPE), 118.
Methyl hydrogen 3-methoxy-3-methyl*cyclo*propane-1:2-dicarboxylate (GOSS, INGOLD, and THORPE), 360.
$C_8H_{12}O_6$ Butane-αδ-dicarboxylic-β-acetic acid (FARMER), 3330.
$C_8H_{14}O_4$ αββ-Trimethylglutaric acid, preparation and bromination of (PANDYA and THORPE), 2858.
$C_8H_{14}O_5$ Lactone, from oxidation of tetramethyl γ-fructose (HAWORTH and LINNELL), 299.
$C_8H_{14}O_6$ αα′-Dihydroxy-ββ-methylethylglutaric acid, and its silver salt (SINGH and THORPE), 120.
$C_8H_{14}O_7$ Xylo-trimethoxyglutaric acid (HIRST and PURVES), 1358.
$C_8H_{16}O_2$ Octoic acid from cocoanut oil (WALKER), 2836.
$C_8H_{17}N$ Δγ-Butenyldiethylamine, and its salts (G. M. and R. ROBINSON), 540.
$C_8H_{18}O$ *d*-β-Octanol, preparation and rotation of the dicarboxylic esters of (HALL), 32; preparation and rotation of the aliphatic ethers of (KENYON and MCNICOL), 14.

8 III

$C_8H_4N_2Br_2$ 2:3-Dibromoquinoxaline (USHERWOOD and WHITELEY), 1083.
$C_8H_5O_2N$ Phthalimide, potassium salt, interaction of, with ββ′-dichlorodiethyl sulphide, sulphone, and sulphoxide (CASHMORE and MCCOMBIE), 2884.
$C_8H_6O_4N_4$ 6-Nitro-1-acetoxy-1:2:3-benzotriazole (BRADY and DAY), 2266.
$C_8H_7O_2Cl$ 3-Chloro-2-methoxybenzaldehyde (DAVIES and RUBENSTEIN), 2851.
$C_8H_7O_3Cl$ 3-Chloro-2-methoxybenzoic acid (DAVIES and RUBENSTEIN), 2851.
$C_8H_7O_3Br$ 5-Bromo-2-methoxybenzoic acid (MELDRUM and SHAH), 1985.
$C_8H_7NS_2$ Thio-2-methylbenzothiazolone (MILLS, CLARK, and AESCHLIMANN), 2367.
$C_8H_6OBr_2$ 4:6-Dibromo-*m*-tolyl methyl ether (HAWORTH and LAPWORTH), 2995.
$C_8H_6O_3N_4$ 6-Nitrodimethyl-1:2:3-benzotriazole 1-oxides (BRADY and DAY), 2262.
Nitromethoxymethyl-1:2:3-benzotriazoles (BRADY and DAY), 2262.
$C_8H_8O_4Cl_2$ Methyl αα′-dichloromuconates, isomeric (FARMER), 2544.
$C_8H_8O_4Cl_3$ Methyl αα′β-trichlorohydromuconate (FARMER), 2545.
$C_8H_8O_6S$ Sulphosalicylic acid methyl ether, and its salts (MELDRUM and SHAH), 1991.
C_8H_9OCl Chloro-*o*-xylenols (HINKEL, COLLINS, and AYLING), 2968.
C_8H_9OBr 5-Bromo-2-methoxytoluene ($+1\frac{1}{2}H_2O$) (MELDRUM and SHAH), 1984.
m-Methoxybenzyl bromide, reduction of, by hydriodic acid (SHOESMITH), 2828.
Methoxybenzyl bromides, isomeric (SHOESMITH), 2698.
$C_8H_9O_2N$ *m*-Methoxybenzamide (BRADY and DUNN), 1802.
$C_8H_9O_3N$ 2-Nitro-*m*-tolyl methyl ether (GIBSON), 1273.

$C_8H_9O_4N_3$ 2:4-Dinitro-6-amino-*m*-xylene (IBBOTSON and KENNER), 1267.
$C_8H_9O_5N$ 5-Nitro-2:3-dimethoxybenzaldehyde (DAVIES), 1583.
C_8H_9NS 2-Methylbenzothiazoline (MILLS, CLARK, and AESCHLIMANN), 2361.
$C_8H_{10}ON_2$ Acetylphenylenediamines, solubility of (SIDGWICK and NEILL), 2813.
$C_8H_{10}OS$ 4-Methoxy-*m*-tolyl mercaptan (KRISHNA), 2788.
$C_8H_{10}O_2N_2$ 5-Nitro-2-*m*-xylidine (IBBOTSON and KENNER), 1268.
Nitro-*s*-*m*-xylidines (IBBOTSON and KENNER), 1266.
$C_8H_{10}O_3S$ Methoxytoluenesulphinic acids (HAWORTH and LAPWORTH), 2987.
$C_8H_{10}O_4S$ Methoxytoluenesulphonic acids, salts of (HAWORTH and LAPWORTH), 2987.
$C_8H_{12}O_4Br_2$ $\alpha\alpha'$-Dibromo-$\beta\beta$-methylethylglutaric acids (SINGH and THORPE), 117.
$\alpha\gamma$-Dibromo-$\alpha\beta\beta$-trimethylglutaric acids (PANDYA and THORPE), 2861.
Methyl $\beta\beta'$-dibromoadipate (FARMER), 2542.
$C_8H_{13}O_2N_3$ Mesityl oxide semioxamazone, and its sodium salt (WILSON and PICKERING), 396.
*cyclo*Pentan-1-one-3-acetic acid semicarbazone (FARMER), 3330.
$C_8H_{15}O_2N_3$ Methyl *iso*butyl ketone semioxamazone (WILSON and BRADLEY), 396.
$C_8H_{16}O_5N_2$ Xylo-trimethoxyglutaramide (HIRST and PURVES), 1359.
$C_8H_{18}O_2S$ $\alpha\alpha'$-Diethoxydiethyl sulphide (MANN and POPE), 1177.
$C_8H_{18}O_3S$ $\beta\beta'$-Diethoxydiethyl sulphoxide (CASHMORE), 1741.
$C_8H_{20}S_8Pt$ Substance, from dithioethylene glycol and platinic chloride (RÂY), 139.
$C_8H_{25}NCl_3$ Tetraethylammonium trichloride (CHATTAWAY and HOYLE), 659.

8 IV

$C_8H_5O_3N_2Br$ 5-Bromo-*o*-carbamidobenzoic acid hydantoin (SCOTT and COHEN), 3187.
$C_8H_6O_2ClI$ Methyl 3-chloro-2-iodobenzoate (CHRISTIE, JAMES, and KENNER), 1949.
Phenyl chloroiodoacetate (CROMPTON and CARTER), 577.
$C_8H_6O_4NCl$ 3-Chloro-5-nitro-2-methoxybenzaldehyde (DAVIES and RUBENSTEIN), 2850.
$C_8H_6O_5NCl$ 3-Chloro-5-nitro-2-methoxybenzoic acid (DAVIES and RUBENSTEIN), 2850.
$C_8H_7O_3N_2Br$ 5-Bromo-*o*-carbamidobenzoic acid (SCOTT and COHEN), 3187.
$C_8H_7O_7NCl_2S_2$ 2-Nitro-3-methoxytoluene-4:6-disulphonyl chloride (HAWORTH and LAPWORTH), 2992.
C_8H_9ONS ψ-Base from benzothiazole methiodide, silver derivative of (MILLS, CLARK, and AESCHLIMANN), 2357.
$C_8H_9O_3NCl$ 3:4-Methylenedioxybenzaldoxime hydrochlorides (BRADY and DUNN), 1797.
$C_8H_9O_3NI$ 4-Iodo-2-nitrophenetole (BRADY and MCHUGH), 2050.
$C_8H_9O_3N_2S$ 3-Hydroxy-7-methyl-1:2:4-benzosulphonediazine (SCOTT), 3197.
$C_8H_9O_5Cl_2S_2$ 3-Methoxytoluene-4:6-disulphonyl chloride (HAWORTH and LAPWORTH), 2992.
$C_8H_9O_3ClS$ Methoxytoluenesulphonyl chlorides (HAWORTH and LAPWORTH), 2988.

$C_8H_{10}ON_2Br_2$ Acetylphenylhydrazine (HUMPHRIES, BLOOM, and EVANS), 1772.

$C_8H_{10}O_4N_2S$ *p*-Carbamidotoluene-*o*-sulphonic acid, and its potassium salt (SCOTT), 3194.

$C_8H_{11}O_3NS$ Methoxytoluenesulphonamides (HAWORTH and LAPWORTH), 2988.

$C_8H_{11}O_3N_3S$ *p*-Guanidinotoluene-*m*-sulphonic acid (SCOTT and COHEN), 3189.

$C_8H_{12}O_5N_2S_2$ 3-Methoxytoluene-4:6-disulphonamide (HAWORTH and LAPWORTH), 2992.

$C_8H_{13}O_7N_3S_2$ 2-Nitro-3-methoxytoluenedisulphonamide (HAWORTH and LAPWORTH), 2993.

$C_8H_{13}ON_3S$ 2:4-Diketo-5-ethyltetrahydrothiazole-2-*iso*propylidenehydrazone (WILSON and BURNS), 802.

$C_8H_{14}O_2Cl_3Te$ Tellurium *O*-ethylacetylpropionylmethane trichloride (MORGAN and REEVES), 451.

$C_8H_{14}O_5N_2S$ Glutathione, oxidation and reduction potentials of (DIXON and QUASTEL), 2943.

$C_8H_{15}O_4NS$ Ethyl 1:4-sulphonazan-4-acetate (CASHMORE and MCCOMBIE), 2888.

$C_8H_{16}O_4N_2S$ $\beta\beta'$-Diglycinodiethyl sulphide (CASHMORE and MCCOMBIE), 2887.

$C_8H_{20}O_5N_5Co$ Phthalatopentamminecobaltic hydroxide, nitrate of $(+2H_2O)$ (DUFF), 569.

$C_8H_{20}NClBr_2$ Tetraethylammonium dibromochloride (CHATTAWAY and HOYLE), 660.

$C_8H_{20}NClBr_6$ Tetraethylammonium hexabromochloride (CHATTAWAY and HOYLE), 660.

$C_8H_{20}NClI_2$ Tetraethylammonium di-iodochloride (CHATTAWAY and HOYLE), 659.

$C_8H_{20}NClI_4$ Tetraethylammonium tetraiodochloride (CHATTAWAY and HOYLE), 660.

$C_8H_{20}NCl_2Br$ Tetraethylammonium dichlorobromide (CHATTAWAY and HOYLE), 659.

$C_8H_{20}NCl_4I$ Tetraethylammonium tetrachloroiodide (CHATTAWAY and HOYLE), 661.

$C_8H_{20}NBr_2I$ Tetraethylammonium dibromoiodide (CHATTAWAY and HOYLE), 661.

$C_8H_{20}Cl_2S_2Pt$ Substance, from diethyl sulphide and platinic chloride (RÂY), 140.

$C_8H_{20}Cl_4S_2Pt$ Substance, from diethyl sulphide and platinic chloride (RÂY), 141.

$C_8H_{38}O_8N_{10}Co_2$ Phthalatodipentamminecobaltic hydroxide, nitrate of (DUFF), 568.

$C_8H_{38}O_{16}N_{12}Co_2$ Malatodipentamminecobaltic malate nitrate (DUFF), 570.

$C_8H_{38}O_{18}N_{12}Co_2$ Mesotartratodipentamminecobaltic nitrate mesotartrate (DUFF), 566.

S V

$C_8H_6O_4N_3ClS$ 3-Chloronitro-7-methyl-1:2:4-benzosulphonediazine (SCOTT), 3197.

$C_8H_7ONClBr$ Chlorobromoacetanilide (MCKIE), 2215.

C_8H_7ONClI Chloroiodoacetanilide (CROMPTON and CARTER), 577.

$C_8H_7O_2N_2ClS$ 3-Chloro-7-methyl-1:2:4-benzosulphonediazine, and its salts (Scott), 3196.

$C_8H_9O_5N_2BrS$ *o*-Bromophenylbiuret-*p*-sulphonic acid (Scott and Cohen), 3186.

$C_8H_9ON_4ClS$ 2-Chloro-6-thiol-8-oxy-7:9-dimethylpurine methyl ether (Rây, Chakravarti, and Bose), 1961.

C_9 Group.

C_9H_7N *n*- and *iso*-Quinolines, hydroferrocyanides of (Cumming), 2463.

$C_9H_8O_2$ 6-Hydroxy-1-hydrindone (Ingold and Piggott), 1492.

$C_9H_8O_5$ Hydroxymethoxyaldehydobenzoic acids (Perkin and Stoyle), 3175.

$C_9H_9N_5$ Triazomesityleneindazole (Morgan and Davies), 232.

$C_9H_9N_9$ Tristriazomesitylene (Morgan and Davies), 237.

$C_9H_{10}O_2$ Hydratropic acid, resolution of (Raper), 2557.

ω-Methoxyacetophenone (Pratt and Robinson), 748.

$C_9H_{10}O_3$ 3-Methoxy-*o*-toluic acid (Gibson), 1274.

$C_9H_{10}O_4$ Ethyl 4-methyl-α-pyrone-6-carboxylate (Higginbotham and Lapworth), 1329.

*cis-cyclo*Pentane*spiro*-1-hydroxy*cyclo*propane-1:2-dicarboxylic anhydride (Lanfear and Thorpe), 1687.

2:5:5-Trimethyl-Δ^1-*cyclo*pentene-3:4-dione-1-carboxylic acid (Grimwood, Ingold, and Thorpe), 3308.

$C_9H_{10}O_5$ Anhydride from ααγ-trimethylaconitic acid (Grimwood, Ingold, and Thorpe), 3309.

$C_9H_{10}N_4$ Methyl derivative of 2:5-imino-1-phenyldihydro-1:2:3-triazole (Dutt), 271.

$C_9H_{10}N_6$ Bistriazomesitylene (Morgan and Davies), 234.

$C_9H_{11}N_7$ Bistriazomesidine (Morgan and Davies), 237.

$C_9H_{11}As$ *As*-Methyldihydroarsindole (Turner and Bury), 2489.

$C_9H_{12}O$ *d*-Benzylmethylcarbinol, preparation and rotation of the *n*-alkyl ethers of (Phillips), 22; preparation of *l*-benzylmethylcarbinol acetate from (Phillips), 47.

$C_9H_{12}O_4$ 1-Methoxy-3-methyl-3-ethyl*cyclo*propane-1:2-dicarboxylic anhydride (Singh and Thorpe), 120.

$C_9H_{12}O_5$ α-Keto*cyclo*pentane-1:1-diacetic acid, and its silver salt (Lanfear and Thorpe), 1688.

*cis-cyclo*Pentane*spiro*-1-hydroxy*cyclo*propane-1:2-dicarboxylic acid, and its silver salt (Lanfear and Thorpe), 1686.

$C_9H_{12}O_6$ ααγ-Trimethylaconitic acid (Grimwood, Ingold, and Thorpe), 3309.

$C_9H_{12}O_8$ Methanetetra-acetic acid, crystal structure of (Knaggs), 78.

$C_9H_{12}N_2$ Dimethylaminobenzenylimidine, salts of (Pyman), 3371.

Methylaminobenzenylmethylimidine, and its salts (Pyman), 3372.

$C_9H_{14}O$ *cyclo*Hexenylacetone, synthesis of (Birch, Kon, and Norris), 1370.

$C_9H_{14}O_2$ *cyclo*Heptylideneacetic acid, and its silver salt (Baker and Ingold), 132.

$C_9H_{14}O_3$ Castelamarin, constitution and properties of (Bosman), 207.

$C_9H_{14}O_4$ Ethyl ethylidenemalonate, reduction of (Higginbotham and Lapworth), 1618.

$C_9H_{14}O_5$ *cis-* and *trans*-1-Methoxy-3-methyl-3-ethyl*cyclo*propane-1:2-dicarboxylic acids (SINGH and THORPE), 120.

Methyl 3-methoxy-3-methyl*cyclo*propane-1:2-dicarboxylate (GOSS, INGOLD, and THORPE), 360.

$C_9H_{16}O_5$ Methyl β-methoxyadipate (FARMER), 3330.

9 III

$C_9H_5O_4N$ 6-Nitro-1:2-diketohydrindene (INGOLD and PIGGOTT), 1488.

$C_9H_5O_5N$ 4-Nitrocoumarilic acid, and its salts (DEY and ROW), 3380.

$C_9H_6O_4N_2$ 2-Oximino-6-nitro-1-hydrindone (INGOLD and PIGGOTT), 1488.

$C_9H_7O_3N$ 6-Nitro-1-hydrindone (INGOLD and PIGGOTT), 1486.

Substance, from nitration of 1-hydrindone (INGOLD and PIGGOTT), 1493.

$C_9H_7O_7N$ Acid, from oxidation of 6-nitrohydrindene (INGOLD and PIGGOTT), 1498.

$C_9H_8O_2N_2$ 2-Keto-3-hydroxy-1-methyl-1:2-dihydroquinoxaline (USHERWOOD and WHITELEY), 1082.

1-Methylbenziminazole-2-carboxylic acid (USHERWOOD and WHITELEY), 1086.

3:4-Oxido-2-hydroxy-1-methyl-1:4-dihydroquinoxaline (USHERWOOD and WHITELEY), 1089.

$C_9H_8O_3N_2$ 6-Nitro-1-hydrindone oxime (INGOLD and PIGGOTT), 1486.

3:4-Oxido-2-keto-3-hydroxy-1-methyl-1:2:3:4-tetrahydroquinoxaline, and its salts (USHERWOOD and WHITELEY), 1082.

Oxime of substance $C_9H_7O_3N$ (INGOLD and PIGGOTT), 1495.

$C_9H_8O_4N_4$ Nitroacetoxymethyl-1:2:3-benzotriazoles (BRADY and DAY), 2262.

C_9H_9ON 4- and 6-Amïno-1-hydrindones (INGOLD and PIGGOTT), 1486.

3-Methoxy-*o*-toluonitrile (GIBSON), 1274.

$C_9H_9O_2N_7$ Bistriazonitromesitylene (MORGAN and DAVIES), 235.

$C_9H_9O_3N$ *p*-Nitro-β-phenylpropaldehyde (INGOLD and PIGGOTT), 1505.

$C_9H_9O_3Cl$ ω-Chloacetovanillone (PRATT and ROBINSON), 753.

$C_9H_9O_3Br$ 5-Bromo-2:3-dimethoxybenzaldehyde (DAVIES), 1586.

$C_9H_9O_4N$ Nitrotolyl acetates (GIBSON), 1272.

$C_9H_9O_4Br$ 5-Bromo-*o*-veratric acid (DAVIES), 1587.

$C_9H_9O_5N$ 5-Nitro-2-hydroxy-3-ethoxybenzaldehyde (DAVIES), 1587.

$C_9H_9O_6N$ 5-Nitro-2-hydroxy-3-ethoxybenzoic acid, and its sodium salt (DAVIES), 1589.

$C_9H_9N_2Br$ 3-Bromo-*p*-dimethylaminobenzonitrile (BRADY and TRUSZKOWSKI), 2439.

$C_9H_{10}ON_6$ Bistriazohydroxymesitylene (MORGAN and DAVIES), 235.

$C_9H_{10}O_2N_2$ Formylaminoacetanilide or 2-Hydroxy-4-keto-3-phenyltetrahydroglyoxaline (USHERWOOD and WHITELEY), 1086.

6-Nitro-1-hydrindamine (INGOLD and PIGGOTT), 1484.

$C_9H_{10}O_2N_4$ Triazonitromesitylene (MORGAN and DAVIES), 231.

$C_9H_{10}O_2Cl_2$ 4:4-Dichloro-2:5:5-trimethyl-Δ^1-*cyclo*penten-3-one-1-carboxylic acid (GRIMWOOD, INGOLD, and THORPE), 3307.

$C_9H_{10}O_5S$ 4-Hydroxytoluene-3-sulphonacetic acid (GIBSON and SMILES), 2391.

$C_9H_{11}O_2N$ 3-Methoxy-*o*-toluamide (GIBSON), 1274.

$C_9H_{11}O_2N_5$ Triazonitroaminomesitylene (MORGAN and DAVIES), 235.

$C_9H_{11}O_3N$ 3:4-Dimethoxybenzaldoximes (BRADY and DUNN), 1799.

$C_9H_{11}O_3N_3$ Nitromesitylenediazonium hydroxide, salts of (MORGAN and DAVIES), 231.

$C_9H_{11}O_4N$ 4-Oximino-2:5:5-trimethyl-Δ^1-*cyclo*penten-3-one-1-carboxylic acid (GRIMWOOD, INGOLD, and THORPE), 3307.

$C_9H_{12}O_3N_4$ Mesitylenebisdiazonium hydroxide, salts of (MORGAN and DAVIES), 233.

$C_9H_{12}O_3N_4$ Nitroaminomesitylenediazonium hydroxide, chloroaurate hydrochloride of (MORGAN and DAVIES), 234.

$C_9H_{12}ClAs$ β-Phenylethylmethylchloroarsine (TURNER and BURY), 2491.

$C_9H_{13}O_2N_3$ Nitrodiaminomesitylene (MORGAN and DAVIES), 234.

$C_9H_{13}O_2N_5$ Aminomesitylenebisdiazonium hydroxide, chloroaurate of, and its hydrochloride (MORGAN and DAVIES), 236.

$C_9H_{14}O_2Br_2$ $\alpha\beta$-Dibromo*cyclo*heptaneacetic acid (BAKER and INGOLD), 132.

$C_9H_{14}O_4Br_2$ $\alpha\alpha'$-Dibromoazelaic acid (CHALLENOR and THORPE), 2483.

$C_9H_{15}O_3Cl$ Ethyl α-chloropropylacetoacetate (MACBETH), 1126.

$C_9H_{15}O_3Br$ Ethyl α-bromopropylacetoacetate (MACBETH), 1127.

$C_9H_{19}ON$ 4-Hydroxy-1:2:2:6-tetramethylpiperidine, benzilate and tropate of (KIPPING), 3117.

$C_9H_{19}O_2N$ *d*-γ-Nonyl nitrite, rotatory and refractive dispersions and absorption spectrum of (PICKARD and HUNTER), 434.

$C_9H_{21}ON$ Diethylaminomethyl *n*-butyl ether (G. M. and R. ROBINSON), 536.

$C_9H_{24}O_2N$ Methyldiethyl-*n*-butoxymethylammonium hydroxide, salts of (G. M. and R. ROBINSON), 538.

9 IV

$C_9H_3O_4NBr_2$ 3:8-Dibromo-6-nitrocoumarin (DEY and ROW), 3380.

$C_9H_4O_5NBr$ 6-Bromo-4-nitrocoumarilic acid, and its salts (DEY and ROW), 3382.

$C_9H_5O_2NBr_2$ 3:8-Dibromo-6-aminocoumarin (DEY and ROW), 3381.

$C_9H_5O_3NBr_2$ 2:2-Dibromonitro-1-hydrindones (INGOLD and PIGGOTT), 1487.

$C_9H_5O_5NBr_2$ 3-α-Dibromo-5-nitrocoumarinic acid, and its silver salt (DEY and ROW), 3381.

$C_9H_6O_5NBr$ α-Bromo-5-nitrocoumarinic acid, and its silver salt (DEY and ROW), 3379.

$C_9H_7O_2NS$ Acetyl-2-thiobenzimide (MCCLELLAND and LONGWELL), 3314.

$C_9H_8O_3NCl$ *p*-Nitro-β-phenylpropionyl chloride (INGOLD and PIGGOTT), 1505.

$C_9H_8O_5NBr$ 5-Bromo-6-nitro-2:3-dimethoxybenzaldehyde (DAVIES), 1586.

$C_9H_9ONCl_2$ Dichloroacetobenzylamide (MCKIE), 2215.

Dichloroacetomethylanilide (MCKIE), 2215.

$C_9H_9ON_3S$ 2:4-Diketo-5-phenyltetrahydrothiazole-2-hydrazone, hydrochloride of (WILSON and BURNS), 803.

$C_9H_{10}ONBr$ 3-Bromo-*p*-dimethylaminobenzaldehyde (BRADY and TRUSZKOWSKI), 2438.

$C_9H_{10}O_2NBr$ 3-Bromo-*p*-dimethylaminobenzoic acid (BRADY and TRUSZKOWSKI), 2439.

$C_9H_{11}ON_2Br$ 3-Bromo-*p*-dimethylaminobenzaldoximes (BRADY and TRUSZKOWSKI), 2438.

$C_9H_{11}O_3NS$ Aceto-*p*-toluidide-2-sulphinic acid (JOHNSON and SMILES), 2386.

$C_9H_{11}O_5NS$ Ethyl *p*-amino-*m*-sulphobenzoate (SCOTT and COHEN), 3181.

$C_9H_{12}ON_4S_2$ 2:6-Dithiol-8-oxy-7:9-dimethylpurine dimethyl ether (RÂY, CHAKRAVARTI, and BOSE), 1962.

$C_9H_{14}NCl_2Br$ Phenyltrimethylammonium bromide dichloride (MCCOMBIE and READE), 149.

$C_9H_{14}NCl_4I$ Phenyltrimethylammonium chloride iodotrichloride (McCombie and Reade), 151.

$C_9H_{14}NBrI_2$ Phenyltrimethylammonium bromide di-iodide (McCombie and Reade), 150.

$C_9H_{14}NBr_2I$ Phenyltrimethylammonium bromide iodobromide (McCombie and Reade), 149.

9 V

$C_9H_9ONClBr$ Chlorobromoacetobenzylamide (McKie), 2215.

Chlorobromoacetomethylanilide (McKie), 2215.

$C_9H_9O_3NBrS$ *p*-Bromophenylurethane-*o*-sulphonic acid, potassium salt (Scott), 3201.

$C_9H_{11}O_2NCl_2S_2$ $\alpha\alpha'$-Dichlorodimethylsulphine-*p*-toluenesulphonylimine (Mann and Pope), 1174.

$C_9H_{14}NClBrI$ Phenyltrimethylammonium bromide iodochloride (McCombie and Reade), 149.

C_{10} Group.

$C_{10}H_8$ Naphthalene, constitution of (Challenor and Ingold), 2066.

$C_{10}H_{16}$ Phellandrenes (Smith, Hurst, and Read), 1657.

Sabinene, oxidation of, with hydrogen peroxide (Henderson and Robertson), 1849.

Thujene, preparation of, from sabinol (Henderson and Robertson), 1713.

$C_{10}H_{18}$ Heparene (Chapman), 778.

Hydrocarbon, from the action of heat on spinacene (Chapman), 775.

10 II

$C_{10}H_6O$ Camphor, and its derivatives, absorption spectra of (Purvis), 2515.

$C_{10}H_6O_4$ Acid, from $\alpha\alpha'$-dibromo-*o*-phenylenediacetyl chloride and sodium hydroxide (Challenor and Ingold), 2076.

$C_{10}H_8O_5$ $\alpha\alpha'$-Dihydroxy-*o*-phenylenediacetolactone (Challenor and Ingold), 2075.

$C_{10}H_{10}O$ Methoxyindene, and its picrate (Ingold and Piggott), 1506.

$C_{10}H_{10}O_2$ Methoxy-1-hydrindones (Ingold and Piggott), 1492.

$C_{10}H_{10}O_3$ β-Keto-γ-phenylbutyric acid (Attwood, Stevenson, and Thorpe), 1763.

$C_{10}H_{10}O_5$ 2:4-Dihydroxy-β-benzoylpropionic acid, silver salt (Biggs and Pope), 2938.

5-Methoxyhomophthalic acid (Ingold and Piggott), 1507.

m-Opianic acid, synthesis of (Perkin and Stoyle), 3171.

$C_{10}H_{10}O_6$ $\alpha\alpha'$-Dihydroxy-*o*-phenylenediacetic acid, and its silver salt (Challenor and Ingold), 2075.

$C_{10}H_{10}O_8$ *cyclo*Propyl*cyclo*propanetetracarboxylic acid (Farmer), 3340.

$C_{10}H_{10}Cl_4$ Substance, from methylchavicole and sulphuryl chloride (Durrans), 1429.

$C_{10}H_{12}O$ *n*- and *iso*-Eugenols, ultra-violet absorption spectra of (Thomi son), 1594.

$C_{10}H_{12}O_3$ ω:4-Dimethoxyacetophenone (Pratt and Robinson), 750.

4:5-Dimethoxy-*o*-tolualdehyde (Kuroda and Perkin), 2110.

5-*cyclo*Hexane*spirocyclo*-Δ^2-penten-3-ol-1:4-dione (Ingold, Seeley, and Thorpe), 864.

2-Methoxy-3-ethoxysalicylaldehyde (Davies), 1590.

*cyclo*Pentane*spirodicyclo*pentan-3-one-1-carboxylic acid (Ingold, Lanfear, and Thorpe), 3150.

$C_{10}H_{12}O_4$ *cis-cyclo*Hexane*spiro*-1-hydroxy*cyclo*propane-1:2-dicarboxylic anhydride (LANFEAR and THORPE), 2869.

2-Methoxy-3-ethoxybenzoic acid (DAVIES), 1591.

$C_{10}H_{14}O$ Carvone, absorption spectra of (PURVIS), 2518.

$C_{10}H_{14}O_2$ 1:3-Dihydroxy-5-*cyclo*hexane*spirodicyclo*-Δ^3-pentene (INGOLD, SEELEY, and THORPE), 870.

Acid, from oxidation of longifolic acid (SIMONSEN), 2658.

$C_{10}H_{14}O_3$ *cyclo*Pentane*spirocyclo*pentan-3-one-1-carboxylic acid (INGOLD, LANFEAR, and THORPE), 3150.

$C_{10}H_{14}O_4$ Ethyl 3-methyl-Δ^2-*cyclo*propene-1:2-dicarboxylates (GOSS, INGOLD, and THORPE), 350.

Ethyl muconates, isomeric (FARMER), 2547.

*cyclo*Hexylidenesuccinic acid (INGOLD, SEELEY, and THORPE), 866.

α-1-α-Hydroxy-3-carboxy-α:1:1-trimethyl*cyclo*propane-2-propionolactone (SIMONSEN and RAU), 557.

$C_{10}H_{14}O_5$ *cyclo*Hexane*spiro*-1-hydroxy*cyclo*propane-1:2-dicarboxylic acids, and their silver salts (LANFEAR and THORPE), 2868.

α-Keto*cyclo*hexane-1:1-diacetic acid (INGOLD, SEELEY, and THORPE), 867; (LANFEAR and THORPE), 2869.

cis- and *trans-cyclo*Pentane*spiro*-1-methoxy*cyclo*propane-1:2-dicarboxylic acids, and their silver salts (LANFEAR and THORPE), 1687.

$C_{10}H_{14}O_6$ α-Hydroxy-1-carboxy-β-1-*cyclo*hexanesuccinolactone (INGOLD, SEELEY, and THORPE), 866.

Acetyl derivative of lactonic acid, $C_8H_{12}O_5$ (SINGH and THORPE), 119.

$C_{10}H_{14}O_7$ Ethyl acetyloxaloacetate (GOSS, INGOLD, and THORPE), 355.

$C_{10}H_{14}N_2$ Dimethylaminobenzenylmethylimidine, salts of (PYMAN), 3372.

$C_{10}H_{18}O$ Sabinol, conversion of, into thujene (HENDERSON and ROBERTSON), 1713.

$C_{10}H_{16}O$ Fenchone, absorption spectra of solutions and vapours of (PURVIS), 2516.

Piperitone (READ and SMITH), 2267; reduction of (HUGHESDON, SMITH, and READ), 2916.

$C_{10}H_{16}O_4$ $\beta\beta$-Di-*n*-propylmalic acid lactone (BAINS and THORPE), 2745.

$C_{10}H_{16}O_5$ 1-Ethoxy-3-methyl-3-ethyl*cyclo*propane-1:2-dicarboxylic acid (SINGH and THORPE), 119.

1-α-Hydroxy-3-carboxy-α-1:1-trimethyl*cyclo*propane-2-propionic acids, and the silver salt (SIMONSEN and RAU), 557.

$C_{10}H_{18}O_2$ Glycol anhydrides, isomeric, from oxidation of sabinene (HENDERSON and ROBERTSON), 1853.

$C_{10}H_{18}O_6$ $\alpha\delta$-Dihydroxy-α-methyl-δ-*iso*propyladipic acids, resolution of (HENRY and PAGET), 1878.

Tetramethylgalactonolactone (PRYDE), 1808.

$C_{10}H_{18}O_7$ Dimethyl xylotrimethoxyglutarate (HIRST and PURVES), 1358.

$C_{10}H_{20}O$ *l*-Menthol, preparation and rotation of dicarboxylic esters of (HALL), 105.

$C_{10}H_{20}O_2$ Decoic acid from cocoanut oil (WALKER), 2837.

$C_{10}H_{20}O_6$ Tetramethyl γ-fructose, oxidation of, with nitric acid (HAWORTH and LINNELL), 299; oxidation of, with permanganate, and its reduction (HAWORTH and MITCHELL), 305, 309.

$C_{10}H_{21}N$ 1-*n*-Amylpiperidine, and its picrate (G. M. and R. ROBINSON), 541.

l-Menthylamine, hydroferrocyanide of (CUMMING), 2457.

$C_{10}H_{22}N_2$ 1:4-Dipropylpiperazine, and its picrates (G. M. and R. ROBINSON), 542.

$C_{10}H_{23}N$ δ-Methyl-*n*-amyldiethylamine, and its salts (G. M. and R. Robinson), 541.

10 III

$C_{10}H_5ON$ 6-Cyanocoumarin (Dey and Dalal), 3387.

$C_{10}H_5O_2Cl$ Coumarin-6-carboxyl chloride (Dey and Dalal), 3388.

$C_{10}H_6O_2N$ Quinaldinic acid, preparation of (Hammick), 2882.

$C_{10}H_6NCl_3$ ω-Trichloroquinaldine (Hammick), 2883.

$C_{10}H_6NBr_3$ ω-Tribromoquinaldine (Hammick), 2883.

$C_{10}H_6N_2Br_2$ Dibromo-*o*-phenylenediacetonitrile (Challenor and Ingold), 2078.

$C_{10}H_7O_2N$ Nitronaphthalenes, reduction of (Cumming and Steel), 2464.

$C_{10}H_7O_3N$ Coumarin-6-carboxylamide (Dey and Dalal), 3389.

$C_9H_8O_2Cl_2$ γγ-Dichlorobenzoylacetone (Macbeth), 1129.

$C_{10}H_8O_2N_2$ α-Cyano-β-2-hydroxyphenylacrylamide (Curtis, Day, and Kimmins), 3139.

$C_{10}H_9O_2N_3$ 3:5-Dicyano-2:6-dihydroxy-4-*iso*propylpyridine (Curtis, Day, and Kimmins), 3135.

$C_{10}H_9O_2Cl$ γ-Chlorobenzoylacetone (Macbeth), 1128.

$C_{10}H_9O_3N_3$ Methyl 5-hydroxy-1-phenyl-1:2:3-triazole-4-carboxylate, tautomerism of (Dexter, McCombie, and Scarborough), 1234.

$C_{10}H_9O_4N$ 5-Nitro-2-hydroxystyryl methyl ketone (Heilbron and Whitworth), 240.

$C_{10}H_{10}OCl_4$ Substance, from anethole and sulphuryl chloride (Durrans), 1428.

$C_{10}H_{10}O_3N_2$ Hydroxydihydroquinoxalineacetic acid (Perkin and Riley), 2405.

$C_{10}H_{10}O_2N_4$ 6-Nitro-1-hydrindone semicarbazone (Ingold and Piggott), 1487.

Semicarbazone from substance $C_9H_7O_3N$ (Ingold and Piggott), 1495.

$C_{10}H_{10}O_3Br_2$ Dibromo-derivative of 5-*cyclo*hexane*spirocyclo*-Δ²-penten-3-ol-1:4-dione (Ingold, Seeley, and Thorpe), 864.

$C_{10}H_{10}O_5N_2$ Carbethoxynitrobenz*syn*aldoximes (Brady and McHugh), 1196.

$C_{10}H_{11}ON_3$ Cinnamaldehydesemicarbazone, phototropy of (Heilbron, Hudson, and Huish), 2273.

$C_{10}H_{11}O_2N$ 6-Methoxy-1-hydrindoxime (Ingold and Piggott), 1492.

$C_{10}H_{11}O_2N_3$ Acetophenone semioxamazone, potassium salt (Wilson and Pickering), 397.

$C_{10}H_{11}O_2Cl$ *m*-Methoxy-β-phenylpropionyl chloride (Ingold and Piggott), 1503.

$C_{10}H_{11}O_3N$ Carbethoxybenz*anti*aldoxime (Brady and McHugh), 1193.

$C_{10}H_{11}O_3Br$ Bromo-5-*cyclo*hexane*spirocyclo*-Δ²-penten-3-ol-1:4-dione (Ingold, Seeley, and Thorpe), 865.

5-Bromo-2-methoxy-3-ethoxybenzaldehyde (Davies), 1593.

$C_{10}H_{11}O_5N$ 5-Nitro-2-methoxy-3-ethoxybenzaldehyde (Davies), 1588.

5-Nitro-3-methoxy-2-ethoxybenzaldehyde (Davies and Rubenstein), 2846.

$C_{10}H_{11}O_5N_3$ Acetyl derivative of 2:4-dinitro-6-amino-*m*-xylene (Ibbotson and Kenner), 1267.

$C_{10}H_{11}O_6N$ Nitromethoxyethoxybenzoic acids (Davies), 1588, 1592; (Davies and Rubenstein), 2847.

$C_{10}H_{12}ON_4$ Semicarbazone of 6-amino-1-hydrindone (Ingold and Piggott), 1490.

$C_{10}H_{12}O_3N_2$ Acetyl derivatives of nitro-5-*m*-xylidines (IBBOTSON and KENNER), 1266.
$C_{10}H_{12}O_2S$ 4-Methoxytolyl-3-thiolacetic acid (GIBSON and SMILES), 2390.
$C_{10}H_{12}O_4Br_2$ Ethyl $\alpha\alpha'$-dibromomuconates, isomeric (FARMER), 2542.
$C_{10}H_{12}O_5S$ 4-Methoxytoluene-3-sulphonacetic acid (GIBSON and SMILES), 2391.
$C_{10}H_{13}ON$ Methoxy-1-hydrindamines, and their hydrochlorides (INGOLD and PIGGOTT), 1493.
$C_{10}H_{13}O_2N$ Acetylamino-*m*-tolyl methyl ethers (HAWORTH and LAPWORTH), 2987.
$C_{10}H_{13}O_7Br$ Bromo-1:3-dihydroxy-5-*cyclo*hexane*spirodicyclo*-Δ^2-pentenes (INGOLD, SEELEY, and THORPE), 871.
$C_{10}H_{14}OBr_2$ $\alpha'\beta$- and $\alpha\pi'$-Dibromocamphor (BURGESS and LOWRY), 1867.
$C_{10}H_{14}O_2N_4$ $\alpha\alpha'$-Dicyano-β-*iso*propylglutaramide (CURTIS, DAY, and KIMMINS), 3134.
6-Imino-3-cyano-5-carbamyl-4-*iso*propyl-2-piperidone (CURTIS, DAY, and KIMMINS), 3134.
$C_{10}H_{14}O_4Br_4$ Ethyl $\alpha\alpha'\beta\beta'$-tetrabromoadipate (FARMER), 2539.
$C_{10}H_{14}IAs$ Methyldihydroarsindole methiodide (TURNER and BURY), 2492.
$C_{10}H_{15}O_2N$ Ethyl α-cyano-$\beta\beta$-diethylacrylate (BIRCH and KON), 2448.
$C_{10}H_{15}O_3N$ Oxime of *cyclo*pentane*spirocyclo*pentan-3-one-1-carboxylic acid (INGOLD, LANFEAR, and THORPE), 3151.
$C_{10}H_{15}O_4Br$ Ethyl bromohydroxy-$\alpha\beta\beta$-trimethylglutarolactone (PANDYA and THORPE), 2861.
Bromo-lactonic ester of methylethylglutaric acid (SINGH and THORPE), 118.
$C_{10}H_{16}ON_2$ α-Cyano-β-hexylacrylamide (CURTIS, DAY, and KIMMINS), 3137.
$C_{10}H_{16}O_4Br_2$ Ethyl $\beta\beta'$-dibromoadipate (FARMER), 2542.
$C_{10}H_{17}ON_3$ *cyclo*Hexenylacetone semicarbazone, and its isomeride (BIRCH, KON, and NORRIS), 1371.
$C_{10}H_{17}OCl$ Bornylene chlorohydrin (HENDERSON and MAIR), 1157.
$C_{10}H_{17}O_3N_3$ Semicarbazones of *cis*- and *trans*-1:1-dimethyl-2-β-ketopropyl*cyclo*propane-2-carboxylic acids (SIMONSEN and RAU), 558.
$C_{10}H_{20}O_2N_2$ *dl*-Piperitone-α- and -β-hydroxylamino-oximes (READ and SMITH), 2272.
$C_{10}H_{21}ON$ 1-*n*-Butoxymethylpiperidine (G. M. and R. ROBINSON), 537.
$C_{10}H_{25}S_{10}Pt$ Substance, from dithioethylene glycol and platinic chloride (RÂY), 140.

10 IV

$C_{10}H_6ON_2Br_2$ 2:5-Dibromoglyoxaline-4-carboxy-*p*-bromoanilide (KING and MURCH), 624.
$C_{10}H_6OClS_2$ 4-Chloro-1-naphthol 2-disulphide (GIBSON and SMILES), 2392.
$C_{10}H_7ON_2Br_2$ 5-Bromoglyoxaline-4-carboxy-*p*-bromoanilide (KING and MURCH), 627.
$C_{10}H_7OClS$ 4-Chloro-1-naphthol 2-mercaptan (GIBSON and SMILES), 2392.
$C_{10}H_8ON_2Br$ Glyoxaline-4-carboxy-*p*-bromoanilide (KING and MURCH), 624.
$C_{10}H_{10}O_3NCl$ Carbethoxychlorobenz*anti*aldoximes (BRADY and MCHUGH), 1193.
$C_{10}H_{10}O_5NBr$ 5-Bromonitro-2-methoxy-3-ethoxybenzaldehyde (DAVIES), 1593.
$C_{10}H_{11}ONCl_2$ Dichloroacetoethylanilide (MCKIE), 2215.

$C_{10}H_{12}O_5N_2S$ *p*-Acetylcarbamidotoluene-*m*-sulphonic acid (+ H_2O) (SCOTT), 3195.

$C_{10}H_{12}O_3NS$ Aceto-*p*-xylidide-6-sulphinic acid (JOHNSON and SMILES), 2387.

$C_{10}H_{13}O_4NS$ 4-Acetylaminophenetole-2-sulphinic acid (JOHNSON and SMILES), 2386.

$C_{10}H_{38}O_{14}N_{12}Co_2$ Citraconatodipentamminecobaltic citraconate nitrate (DUFF), 570.

Itaconatodipentamminecobaltic itaconate nitrate (DUFF), 570.

$C_{10}H_{42}O_{14}N_{12}Co_2$ Glutaratodipentamminecobaltic glutarate nitrate (DUFF), 570.

10 V

$C_{10}H_8O_2NIS$ Naphthalene-α- and -β-sulphoniodoamides, potassium and sodium salts (ROBERTS), 852.

$C_{10}H_{11}ONClBr$ Chlorobromacetoethylanilide (McKIE), 2215.

$C_{10}H_{12}O_4NClS$ 4-Acetylaminophenetole-2-sulphonyl chloride (JOHNSON and SMILES), 2386.

$C_{10}H_{13}ON_4ClS$ 2-Chloro-6-thiol-8-oxy-7:9-dimethylpurine *n*-propyl ether (RÂY, CHAKRAVARTI, and BOSE), 1961.

C_{11} Group.

$C_{11}H_8O_2$ Hydroxynaphthoic acids (ROYLE and SCHEDLER), 1641; (BUTLER and ROYLE), 1649.

$C_{11}H_8O_6$ Acetyl-ψ-phthalonic acid (KURODA and PERKIN), 2106.

4:5-Dimethoxyphthalonic anhydride (KURODA and PERKIN), 2099.

$C_{11}H_8N_2$ 4-Amino-β-naphthonitrile (BUTLER and ROYLE), 1652.

$C_{11}H_{10}O_3$ 1-Ketotetrahydronaphthalene-3-carboxylic acid (ATTWOOD, STEVENSON, and THORPE), 1764.

$C_{11}H_{11}N$ Dihydropentindole, and its picrate (PERKIN and PLANT), 3244.

$C_{11}H_{12}O_3$ Methoxy-2-hydroxystyryl methyl ketones (HEILBRON and WHITWORTH), 244.

$C_{11}H_{12}O_4$ 2:3-Dimethoxycinnamic acid (PERKIN and STOYLE), 3174.

$C_{11}H_{12}O_5$ β:1-Dicarboxy-β-1-*cyclo*hexaneacrylic anhydride (INGOLD, SEELEY, and THORPE), 866.

*cyclo*Pentane*spirodicyclo*pentan-3-one-1:2-dicarboxylic acid (INGOLD, LANFEAR, and THORPE), 3149.

$C_{11}H_{14}O_3$ 2:3-Diethoxybenzaldehyde (DAVIES and RUBENSTEIN), 2847.

Hydroxy-γ-phenylmethylbutyric acids (ATTWOOD, STEVENSON, and THORPE), 1765.

$C_{11}H_{14}O_4$ β-Hydroxy-β-3-methoxy-2-hydroxyphenylethyl methyl ketone (HEILBRON and WHITWORTH), 242.

$C_{11}H_{16}O_4$ *trans-cyclo*Heptane*spirocyclo*propane-2:3-dicarboxylic acid (BAKER and INGOLD), 130.

α-Hydroxy*cyclo*heptane-1:1-diacetic lactone, and its silver salt (BAKER and INGOLD), 131.

$C_{11}H_{16}O_5$ αα′-Dihydroxy*cyclo*heptane-1:1-diacetic lactone, and its silver salt (BAKER and INGOLD), 131.

Ethyl γ-oxalyl-αβ-dimethylacrylate (HIGGINBOTHAM and LAPWORTH), 1331.

*cyclo*Heptane*spirocyclo*propan-2-ol-2:3-dicarboxylic acid (BAKER and INGOLD), 133.

$C_{11}H_{17}N$ Benzyldiethylamine, chloroplatinate of (G. M. and R. ROBINSON), 540.

$C_{11}H_{18}O$ *aa*-Dimethyl-Δ^1-*cyclo*hexenylacetone (BIRCH, KON, and NORRIS), 1373.

a-Ethyl-Δ^1-*cyclo*hexenylacetone (BIRCH, KON, and NORRIS), 1372.

$C_{11}H_{18}O_3$ *ββ*-Di-*n*-propylglutaric anhydride (BAINS and THORPE), 1210.

$C_{11}H_{18}O_4$ *cyclo*Heptane-1:1-diacetic acid, preparation of (BAKER and INGOLD), 128.

$C_{11}H_{18}O_5$ 3:3-Di-*n*-propyl*cyclo*propan-1-ol-1:2-dicarboxylic acid, and its ammonium salt (BAINS and THORPE), 1212.

a-Hydroxy*cyclo*heptane-1:1-diacetic acid, silver salt (BAKER and INGOLD), 131.

a-Keto-*ββ*-di-*n*-propylglutaric acid (BAINS and THORPE), 1211.

$C_{11}H_{18}O_6$ *aa'*-Dihydroxy*cyclo*heptane-1:1-diacetic acid, silver salt (BAKER and INGOLD), 132.

$C_{11}H_{20}O_4$ *cyclo*Pentane*spirodicyclo*pentan-3-one-1:2-dicarboxylic anhydride (INGOLD, LANFEAR, and THORPE), 3150.

11 III

$C_{11}H_8O_2S$ Thionaphthacoumarin (SMILES and HART), 2911.

$C_{11}H_7O_6N_3$ Dinitroquinolpyridinium nitrolbetaine (BARNETT, COOK, and DRISCOLL), 513.

$C_{11}H_8O_2Cl_2$ 3:6-Dichloro-4:7-dimethylcoumarin (DEY and DALAL), 3390.

$C_{11}H_8O_5S$ 1-Carboxynaphthalenesulphonic acids, potassium and sodium salts (ROYLE and SCHEDLER), 1644.

Sulpho-*β*-naphthoic acids, potassium salts (BUTLER and ROYLE), 1652.

$C_{11}H_9O_2N$ 4-Amino-*β*-naphthoic acid (BUTLER and ROYLE), 1652.

Catecholpyridinium betaine (BARNETT, COOK, and DRISCOLL), 514.

β-Naphthol-4-carboxylamide (CHALLENOR and INGOLD), 2078.

$C_{11}H_9O_2Cl$ Chloro-4:7-dimethylcoumarins (DEY and DALAL), 3389.

$C_{11}H_9O_3Cl$ 4-Chloro-2:5-dimethylcoumarilic acid, and its potassium salt (DEY and DALAL), 3390.

$C_{11}H_9O_5N$ Ethyl-4-nitrocoumarilate (DEY and ROW), 3380.

$C_{11}H_{10}ON_2$ 4-Keto-2-*p*-tolyl-1:4-dihydropyrimidine (MITTER and BARDHAN), 2183.

$C_{11}H_{10}O_2N_2$ *a*-Cyano-*β*-4-methoxyphenylacrylamide (CURTIS, DAY, and KIMMINS), 3139.

$C_{11}H_{10}O_7N_2$ Carbethoxy-6-nitro-3:4-methylenedioxybenz*anti*aldoxime (BRADY and MCHUGH), 1198.

$C_{11}H_{10}N_2S_2$ 2:4:5-Trimethylbenzbisthiazole (EDGE), 1013.

2:4:7-Trimethylbenz*iso*bisthiazole, and its hydrochloride (EDGE), 155.

$C_{11}H_{11}O_2N$ Acetylamino-1-hydrindones (INGOLD and PIGGOTT), 1490.

$C_{11}H_{11}O_2N_3$ 3:5-Dicyano-2:6-dihydroxy-4-*iso*butylpyridine (CURTIS, DAY, and KIMMINS), 3136.

$C_{11}H_{11}O_3N$ *m*-Acetylaminocinnamic acid (INGOLD and PIGGOTT), 1501.

$C_{11}H_{11}O_3N_3$ Ethyl 5-hydroxy-1-phenyl-1:2:3-triazole-4-carboxylate (DUTT), 272.

$C_{11}H_{11}O_3Br_3$ 2:2:4-Tribromo-5-*cyclo*hexane*spirodicyclo*pentan-3-one-1-carboxylic acid (INGOLD, SEELEY, and THORPE), 869.

$C_{11}H_{11}O_4N$ Methyl 4-nitrohomophthalate (INGOLD and PIGGOTT), 1499.

2-Nitro-*m*-tolyl benzoate (GIBSON), 1272.

$C_{11}H_{11}O_5N$ Carbethoxy-3:4-methylenedioxybenz*syn*aldoxime (BRADY and MCHUGH), 1195.

$C_{11}H_{11}O_5Br$ *a*-Bromo-*β*:1-dicarboxy-*β*-*cyclo*hexaneacrylic anhydro-acid (INGOLD, SEELEY, and THORPE), 870.

$C_{11}H_{11}NS$ 4-Phenyl-2:5-dimethylthiazole, and its salts (SMITH), 2291.

$C_{11}H_{12}O_2N_2$ 6-Acetylamino-1-hydrindoxime (INGOLD and PIGGOTT), 1490.

$C_{11}H_{12}O_2N_4$ Ethyl 5-amino-1-phenyl-1:2:3-triazole-4-carboxylate (DUTT), 269.

Ethyl 2:5-imino-1-phenyldihydro-1:2:3-triazole-4-carboxylate (DUTT), 269.

$C_{11}H_{12}O_3N_2$ Acetyl-6-nitro-1-hydrindamine (INGOLD and PIGGOTT), 1484.

3:4-Oxido-2-keto-3-hydroxy-1-methyl-1:2:3:4-tetrahydroquinoxaline ethyl ether (USHERWOOD and WHITELEY), 1082.

Acetyl derivative of formylaminoacetanilide or 2-hydroxy-4-keto-3-phenyltetrahydroglyoxaline (USHERWOOD and WHITELEY), 1086.

$C_{11}H_{12}O_3Br_2$ 2:4-Dibromo-5-*cyclo*hexane*spirodicyclo*-Δ^2-penten-3-ol-1-carboxylic acid (INGOLD, SEELEY, and THORPE), 868.

$C_{11}H_{13}ON$ Acetylhydrindamine (INGOLD and PIGGOTT), 1484.

$C_{11}H_{13}O_2N_3$ Methoxycinnamaldehydesemicarbazones, and their phototropy (HEILBRON, HUDSON, and HUISH), 2276.

$C_{11}H_{13}O_3N_3$ β-Benzylpropionic acid semicarbazone (ATTWOOD, STEVENSON, and THORPE), 1762.

$C_{11}H_{13}O_3Br$ Bromo-2:3-diethoxybenzaldehyde (DAVIES and RUBENSTEIN), 2849.

4-Bromo-5-*cyclo*hexane*spirodicyclo*-Δ^2-penten-3-ol-1-carboxylic acid (INGOLD, SEELEY, and THORPE), 868.

$C_{11}H_{13}O_4N$ Carbethoxymethoxybenzaldoximes (BRADY and MCHUGH), 1194.

$C_{11}H_{13}O_5N$ 5-Nitro-2:3-diethoxybenzaldehyde (DAVIES and RUBENSTEIN), 2848.

$C_{11}H_{13}O_6N$ Nitro-2:3-diethoxybenzoic acids (DAVIES and RUBENSTEIN), 2849.

$C_{11}H_{14}ON_2$ 6-Acetylamino-1-hydrindamine ($+2H_2O$) (INGOLD and PIGGOTT), 1490.

$C_1H_{14}O_2N_2$ α-Cyano*cyclo*hexane-1:1-diacet-ω-imide (BIRCH and KON), 2445.

$C_{11}H_{14}O_4S$ 4 Methoxytoluene-3-sulphonacetone (GIBSON and SMILES), 2390.

$C_{11}H_{14}N_2S_2$ Dithioacetyl-2:6-tolylenediamine (EDGE), 1013.

$C_{11}H_{15}O_3N_3$ 3-Cyano-2:6-diketo-4-*iso*butylpiperidine-5-carboxylamide (CURTIS, DAY, and KIMMINS), 3135.

Semicarbazone of *cyclo*pentane*spirodicyclo*pentan-3-one-1-carboxylic acid (INGOLD, LANFEAR, and THORPE), 3150.

$C_{11}H_{16}O_3N_4$ 6-Imino-3-cyano-5-carbamyl-4-*iso*butyl-2-piperidone (CURTIS, DAY, and KIMMINS), 3135.

$C_{11}H_{16}IAs$ Methyldihydroarsindole ethiodide (TURNER and BURY), 2492.

$C_{11}H_{17}O_3N_3$ Semicarbazone of *cyclo*pentane*spirocyclo*pentan-3-one-1-carboxylic acid (INGOLD, LANFEAR, and THORPE), 3151.

$C_{11}H_{17}O_4Br$ α-Bromo-α'-hydroxy-$\beta\beta$-di-*n*-propylglutaronitrile (BAINS and THORPE), 1211.

$C_{11}H_{18}O_4Br_2$ $\alpha\alpha'$-Dibromo-$\beta\beta$-di-*n*-propylglutaric acid (BAINS and THORPE), 1211.

$C_{11}H_{18}IAs$ β-Phenylethyldimethylarsine methiodide (TURNER and BURY), 2490.

$C_{11}H_{19}O_2N$ β-Hexylglutarimide (CURTIS, DAY, and KIMMINS), 3137.

$C_{11}H_{21}ON_3$ *iso*Menthone semicarbazones (HUGHESDON, SMITH, and READ), 2920.

$C_{11}H_{23}O_2N$ Di(*n*-butoxymethyl)methylamine (G. M. and R. ROBINSON), 537.

11 IV

$C_{11}H_4O_2Cl_2S$ 3:4-Dichlorothionaphthacoumarin (Smiles and Hart), 2913.

$C_{11}H_5O_2ClS$ 4-Chloro-1-naphthol-2-thiocarbonate (Gibson and Smiles), 2393.

4-Chlorothionaphthacoumarin (Smiles and Hart), 2912.

$C_{11}H_7O_3NS$ 2-Cyanonaphthalenesulphonic acids, potassium and sodium salts (Butler and Royle), 1651.

$C_{11}H_7O_4NBr_2$ 3:8-Dibromo-6-nitro-4:7-dimethylcoumarin (Dey and Row), 3382.

$C_{11}H_9O_5NBr$ 6-Bromo-4-nitro-2:5-dimethylcoumarilic acid, and its sodium salt (Dey and Row), 3382.

Ethyl 6-bromo-4-nitrocoumarilate (Dey and Row), 3382.

$C_{11}H_8O_6N_2Cl$ 2:5-Dinitroquinolpyridinium chloride (Barnett, Cook, and Driscoll), 513.

$C_{11}H_8O_6N_3Br$ 2:5-Dinitroquinolpyridinium bromide (Barnett, Cook, and Driscoll), 512.

$C_{11}H_9O_2NBr_2$ 2-Bromoquinol-3-pyridinium bromide (Barnett, Cook, and Driscoll), 512.

$C_{11}H_{10}O_2NBr$ Catecholpyridinium bromide, and its picrate (Barnett, Cook, and Driscoll), A., i, 514.

Quinolpyridinium bromide ($+H_2O$), and its picrate (Barnett, Cook, and Driscoll), 510.

$C_{11}H_{10}O_2NBr_3$ Quinolpyridinium perbromide (Barnett, Cook, and Driscoll), 511.

$C_{11}H_{11}ON_3S$ Benzylidene derivative of 2:4-diketo-5-methyltetrahydrothiazole-2-hydrazone (Wilson and Burns), 802.

$C_{11}H_{13}ON_3S$ Methoxycinnamaldehyde thiosemicarbazones, and their phototropy (Heilbron, Hudson, and Huish), 2277.

$C_{11}H_{13}O_2N_2Br$ Acetyl-3-bromo-*p*-dimethylaminobenz*anti*aldoxime (Brady and Truszkowski), 2438.

$C_{11}H_{16}ON_4S_2$ 2:6-Dithiol-8-oxy-7:9-dimethylpurinediethyl ether (Rây, Chakravarti, and Bose), 1962.

$C_{11}H_{18}ON_3Cl$ Bornylene chlorohydrin semicarbazone (Henderson and Mair), 1158.

C_{12} Group.

$C_{12}H_{10}O_4$ Ethyl coumarin-6-carboxylate (Dey and Dalal), 3388.

$C_{12}H_{10}O_5$ 1-Ketotetrahydronaphthalene-3:3-dicarboxylic acid (Attwood, Stevenson, and Thorpe), 1763.

$C_{12}H_{10}O_{12}$ *cyclo*Propyl*cyclo*propanehexacarboxylic acid, and its sodium salt (Farmer), 3339.

$C_{12}H_{10}S_4$ Substance, from phenyl mercaptan and sulphur monochloride (Chakravarti), 966.

$C_{12}H_{11}N$ Diphenylamine, action of methyl sulphate on (Gibson and Vining), 831.

$C_{12}H_{12}O_3$ Methoxy-2:3-dimethylchromones (Heilbron, Barnes, and Morton), 2568.

$C_{12}H_{12}O_7$ Methyl hydrogen dimethoxyphthalonate ($+H_2O$) (Kuroda and Perkin), 2101.

$C_{12}H_{12}N_2$ Hydrazobenzene, hydroferrocyanide of (Cumming), 2462.

$C_{12}H_{13}N_4$ Chysoidine-Y, hydroferrocyanide of (Cumming), 2439.

$C_{12}H_{13}N$ 8-Methyldihydropentindole, and its picrate (Perkin and Plant), 3245.

$C_{12}H_{14}O_3$ Ethyl β-keto-γ-phenylbutyrate (ATTWOOD, STEVENSON, and THORPE), 1762.

$C_{12}H_{14}O_4$ β-4:5-Dimethoxy-*o*-tolylacrylic acid (KURODA and PERKIN), 2110.

$C_{12}H_{14}O_5$ Methyl 4:5-dimethoxy-*o*-tolylglyoxylate (KURODA and PERKIN), 2108.

$C_{12}H_{14}N_2$ 8-Aminotetrahydrocarbazole (PERKIN and RILEY), 2407.

Aminotetrahydrocarbazoles, and their salts (EDWARDS and PLANT), 2395.

$C_{12}H_{15}N_3$ Substance, from reduction of *cyclo*hexanone *o*-nitrophenylhydrazone (PERKIN and RILEY), 2408.

$C_{12}H_{16}O_4$ ω-Ethoxyacetoveratrone (PRATT and ROBINSON), 752.

$C_{12}H_{16}O_7$ Arbutin (MACBETH and MACKAY), 717.

$C_{12}H_{19}N$ β-Phenyltriethylamine (G. M. and R. ROBINSON), 542.

$C_{12}H_{22}O_{11}$ Gentiobiose, constitution of (HAWORTH and WYLAM), 3120.

*iso*Maltose, preparation of (LING and NANJI), 2681.

Sucrose, constitution of (HAWORTH and LINNELL), 294; (HAWORTH and MITCHELL), 301; (BERGMANN), 1277; surface tension and density of solutions of (BUTLER), 2060.

$C_{12}H_{24}O_2$ Lauric acid, potassium salt, migration data for (McBAIN and BOWDEN), 2417.

12 III

$C_{12}H_6O_4S$ Thionaphthacoumarin-4-carboxylic acid (SMILES and HART), 2910.

$C_{12}H_8NCl$ Chloroaminoacenaphthene (FARNELL), 60.

$C_{12}H_9NS_2$ 3-Aminothianthren, and its salts (KRISHNA), 158.

$C_{12}H_{10}ON_2$ Cinnamylidenecyanoacetamide (CURTIS, DAY, and KIMMINS), 3136.

$C_{12}H_{10}O_2N_2$ 2-Phenyl-4-methylpyrimidine-5-carboxylic acid (MITTER and BARDHAN), 2181.

$C_{12}H_{10}O_4N_4$ Dinitrobenzidines, isomerism of (BRADY and McHUGH), 2047.

$C_{12}H_{11}OTl$ Thalliumdiphenyl hydroxide, salts of (GODDARD), 1164.

$C_{12}H_{11}O_3N$ Coumarin-6-formiminoether, and its hydrochloride (DEY and DALAL), 3388.

$C_{12}H_{11}O_6N_3$ Dimethoxyphthalonic acid anhydrosemicarbazone (KURODA and PERKIN), 2102.

$C_{12}H_{12}O_3N_2$ 9-Nitro-ψ-indoxyl*spirocyclo*pentane (PERKIN and PLANT), 691.

$C_{12}H_{12}O_5Br_2$ 2:4-Dibromo-5-*cyclo*hexane*spirodicyclo*pentan-3-one-1:2-dicarboxylic acid (INGOLD, SEELEY, and THORPE), 868.

$C_{12}H_{13}ON$ 11-Hydroxytetrahydrocarbazolenine (PERKIN and PLANT), 689.

ψ-Indoxyl*spirocyclo*pentane (PERKIN and PLANT), 689.

$C_{12}H_{13}O_2N_3$ Styryl methyl ketone semioxamazone, salts (WILSON and PICKERING), 397.

$C_{12}H_{13}O_3N_3$ Ethyl 5-hydroxy-1-*p*-tolyl-1:2:3-triazole-4-carboxylate (DUTT), 273.

1-Ketotetrahydronaphthalene-3-carboxylic acid semicarbazone (ATTWOOD, STEVENSON, and THORPE), 1764.

$C_{12}H_{13}O_4I$ Ethyl *m*-iodophthalate (BURTON and KENNER), 1045.

$C_{12}H_{13}O_5Br$ Bromo-5-*cyclo*hexane*spirodicyclo*-Δ^2-penten-3-ol-1:2-dicarboxylic acid (INGOLD, SEELEY, and THORPE), 868.

$C_{12}H_{14}O_2N_4$ Methyl derivative of ethyl 2:5-imino-1-phenyldihydro-1:2:3-triazole-4-carboxylate (DUTT), 270.

$C_{12}H_{15}ON$ Acetylmethoxy-1-hydrindamines (INGOLD and PIGGOTT), 1493.

$C_{12}H_{15}O_2N_3$ Benzylacetonesemioxamazone (WILSON and PICKERING), 396.

$C_{12}H_{15}O_3N$ δ-*o*-Aminobenzoylvaleric acid (PERKIN and PLANT), 687.
$C_{12}H_{15}O_4N_3$ Diethylcarbamylnitrobenzaldoximes (BRADY and RIDGE), 2167.
$C_{12}H_{15}O_6N_3$ Carbethoxy-3-nitro-4-dimethylaminobenz*anti*aldoxime (BRADY and MCHUGH), 1197.
4:5-Dimethoxy-*o*-tolylglyoxylic acid semicarbazone (KURODA and PERKIN), 2109.
$C_{12}H_{15}O_6N_3$ Dimethoxyphthalonic acid semicarbazone (KURODA and PERKIN), 2101.
$C_{12}H_{15}N_3S_2$ *cyclo*Hexylene dithiocarbonate 2-pyridylhydrazone (MILLS and SCHINDLER), 320.
$C_{12}H_{16}O_4Se_2$ Selenium acetylpropionylmethane (MORGAN and REEVES), 448.
$C_{12}H_{17}O_4N_3$ Veratrylmethoxyacetaldehydesemicarbazones (PRATT and ROBINSON), 757.
$C_{12}H_{18}O_4Se$ Selenium *OC*-bisacetylpropionylmethane (MORGAN and REEVES), 450.
$C_{12}H_{18}O_4Se_2$ Diselenium bisacetylpropionylmethane, and its copper salt (MORGAN and REEVES), 449.
$C_{12}H_{18}N_4Cl_4$ Tetra-aminodiphenyls (BRADY and MCHUGH), 2052.
$C_{12}H_{19}O_6Br$ Diethyl hydrogen α-bromomethylmethanetriacetate (FARMER), 3337.
$C_{12}H_{20}O_4Br_2$ Ethyl αα'-dibromo-ββ-methylethylglutarate (SINGE and THORPE), 118.
$C_{12}H_{20}IAs$ β-Phenylethyldimethylarsine ethiodide (TURNER and BURY), 2490.
$C_{12}H_{21}ON_3$ α-Ethyl-Δ$^{1'}$-*cyclo*hexenylacetone semicarbazone (BIRCH, KON, and NORRIS), 1372.
$C_{12}H_{21}O_5N_3$ Semicarbazone of α-keto-ββ-di-*n*-propylglutaric acid (BAINS and THORPE), 1212.
$C_{12}H_{28}NI_3$ Tetra-*n*-propylammonium tri-iodide (CHATTAWAY and HOYLE), 662.
$C_{12}H_{28}NI_5$ Tetra-*n*-propylammonium pentaiodide (CHATTAWAY and HOYLE), 662.
$C_{12}H_{28}NI_7$ Tetra-*n*-propylammonium heptaiodide (CHATTAWAY and HOYLE), 662.
$C_{12}H_{30}S_{12}Pt$ Substance, from dithioethylene glycol and platinic chloride (RÂY), 140.

12 IV

$C_{12}H_4O_5NCl$ Chloronitronaphthalic anhydride (FARNELL), 61.
$C_{12}H_6O_6NCl$ Chloronitronaphthalic acid, and its salts (FARNELL), 61.
$C_{12}H_7O_2NS_2$ 3-Nitrothianthren, and its ferrichloride (KRISHNA), 158.
$C_{12}H_7O_3NS$ 3-Nitrophenothioxin (KRISHNA), 2784.
$C_{12}H_7O_3NS_2$ 3-Nitrothianthren oxide (KRISHNA), 159.
$C_{12}H_7O_4NS_2$ 3-Nitrothianthren dioxide (KRISHNA), 159.
$C_{12}H_7O_5NS$ 3-Nitrophenothioxin dioxide (KRISHNA), 2784.
$C_{12}H_7O_6NS_2$ 3-Nitrothianthren tetroxide (KRISHNA), 159.
$C_{12}H_8O_2NCl$ 3-Chloro-4-nitroacenaphthene (FARNELL), 60.
$C_{12}H_8NClS_2$ 6-Chloro-3-aminothianthren, hydrochloride of (KRISHNA), 2789.
$C_{12}H_9O_4NS_2$ 4-Nitro-2-sulphinodiphenyl sulphide (KRISHNA), 158.
$C_{12}H_9O_5NS$ 4-Nitro-2-sulphinodiphenyl ether (KRISHNA), 2784.
$C_{12}H_{11}ON_2Br$ 1-Benzoyl-3:5-dimethylpyrazole (MORGAN and ACKERMAN), 1316.

$C_{12}H_{11}ON_2I$ Benzoyl-4-iodo-3:5-dimethylpyrazole (MORGAN and ACKERMAN), 1313.

$C_{12}H_{11}O_3ClS$ Diacetyl-4-chloro-1-naphthol-2-mercaptan (GIBSON and SMILES), 2392.

$C_{12}H_{12}O_2N_2As_2$ 3:3′-Diamino-4:4′-dihydroxyarsenobenzene, salts of (GRAY), 640.

$C_{12}H_{12}O_2N_3Cl$ Ethyl 5-chloro-1-*p*-tolyl-1:2:3-triazole-4-carboxylate (DUTT), 273.

$C_{12}H_{13}ON_3S$ 2:4-Diketo-5-phenyltetrahydrothiazole-2-*iso*propylidenehydrazone (WILSON and BURNS), 803.

Benzylidene derivative of 2:4-diketo-5-ethyltetrahydrothiazole-2-hydrazone (WILSON and BURNS), 802.

$C_{12}H_{13}N_2IS_2$ 2:4:6-Trimethylbenzbisthiazole methiodide (EDGE), 1013.

$C_{12}H_{14}NIS$ 4-Phenyl-2:5-dimethylthiazole methiodide (SMITH), 2291.

$C_{12}H_{28}NCl_2I$ Tetra-*n*-propylammonium dichloroiodide (CHATTAWAY and HOYLE), 662.

$C_{12}H_{28}NCl_4I$ Tetra-*n*-propylammonium tetrachloroiodide (CHATTAWAY and HOYLE), 661.

$C_{12}H_{28}NBr_2I$ Tetra-*n*-propylammonium dibromoiodid (CHATTAWAY and HOYLE), 662.

12 V

$C_{12}H_5O_2NCl_2S_2$ 5:8-Dichloro-3-nitrothianthren (KRISHNA), 2790.

$C_{12}H_5O_6NCl_2S_2$ 5:8-Dichloro-3-nitrothianthren tetroxide (KRISHNA), 2790.

$C_{12}H_6O_2NClS_2$ 6-Chloro-3-nitrothianthren (KRISHNA), 2789.

$C_{12}H_6O_3NClS$ 6-Chloro-3-nitrophenothioxin (KRISHNA), 2785.

$C_{12}H_6O_5NClS$ 6-Chloro-3-nitrophenothioxin dioxide (KRISHNA), 2785.

$C_{12}H_6O_6NClS_2$ 6-Chloro-3-nitrothianthren tetroxide (KRISHNA), 2789.

$C_{12}H_7O_3NCl_2S$ 6:6′-Dichloro-3-nitro-4′-hydroxydiphenyl sulphide (KRISHNA), 2785.

$C_{12}H_7O_4NCl_2S_2$ 3′:6′-Dichloro-4-nitro-2-sulphinodiphenyl sulphide, sodium salt (KRISHNA), 2790.

$C_{12}H_8O_3NClS$ 6-Chloro-3-nitro-4′-hydroxydiphenyl sulphide (KRISHNA), 2784.

$C_{12}H_8O_4NClS_2$ 4′-Chloro-4-nitro-2-sulphinodiphenyl sulphide (KRISHNA), 2789.

$C_{12}H_8O_5NClS$ 4′-Chloro-4-nitro-2-sulphinodiphenyl ether (KRISHNA), 2785.

$C_{12}H_{14}O_2N_2Cl_2As_2$ Salvarsan, nature of the silver derivative of (GRAY), 635.

$C_{12}H_{28}NClBrI$ Tetra-*n*-propylammonium chlorobromoiodide (CHATTAWAY and HOYLE), 661.

C_{13} Group

$C_{13}H_8O_5$ 1:6:8-Trihydroxyfluorone (PRATT and ROBINSON), 741.

$C_{13}H_{10}O_4$ Acetoxy-α-naphthoic acids (ROYLE and SCHEDLER), 1645.

Acetoxy-β-naphthoic acids (BUTLER and ROYLE), 1653.

$C_{13}H_{12}O_3$ Ethyl hydroxynaphthoates (BUTLER and ROYLE), 1654.

$C_{13}H_{12}O_6$ Acetyl-4:5-dimethoxy-ψ-phthalonic acid (KURODA and PERKIN), 2100.

$C_{13}H_{12}N_2$ Diphenylformamidine, condensation of, with phenols (SHOESMITH and HALDANE), 2704.

$C_{13}H_{13}N$ Methyldiphenylamine, action of methyl sulphate on (GIBSON and VINING), 831.

Methyldiphenylamine, hydroferrocyanide of (CUMMING), 2458.

$C_{13}H_{14}O_3$ 6-Methoxy-2:3-dimethylchromone (HEILBRON, BARNES, and MORTON), 2567.

$C_{13}H_{14}O_7$ Dimethyl dimethoxyphthalonate (KURODA and PERKIN), 2101.

Ethyl hydrogen dimethoxyphthalonate, and its silver salt (KURODA and PERKIN), 2101.

$C_{13}H_{16}O_4$ α-Acetoxy-γ-phenyl-α-methylbutyric acid (ATTWOOD, STEVENSON, and THORPE), 1765.

$C_{13}H_{16}O_5$ Ethyl hydrogen *cyclo*pentane*spirodicyclo*pentan-3-one-1:2-dicarboxylate (INGOLD, LANFEAR, and THORPE), 3149.

$C_{13}H_{18}O_3$ Ethyl 5-*cyclo*hexane*spirodicyclo*-Δ^3-penten-3-ol-1-carboxylate (INGOLD, SEELEY, and THORPE), 873.

Ethyl β-hydroxy-γ-phenyl-α-methylbutyrate (ATTWOOD, STEVENSON, and THORPE), 1765.

$C_{13}H_{20}O_8$ Pentaerythritol acetate, crystal structure of (KNAGGS), 77.

$C_{13}H_{21}N$ α-*cyclo*Hexylidene*iso*heptonitrile (BIRCH and KON), 2446.

13 III

$C_{13}H_7O_3Cl$ 6-Chloro-1:2-α-naphthapyrone (DEY and DALAL), 3391.

$C_{13}H_8O_4N_2$ 4-Cyano-1-carboxylamido-β-naphthol-3-carboxylic acid (CHALLENOR and INGOLD), 2078.

$C_{13}H_9O_3N$ 6-Amino-1:2-α-naphthapyrone (DEY and DALAL), 3390.

$C_{13}H_9O_5Cl$ 1:3:6:8-Tetrahydroxyxanthylium chloride ($+H_2O$) (PRATT and ROBINSON), 740.

$C_{13}H_{10}O_3N$ Naphthastyrylacetic acid (DUTT), 224.

$C_{13}H_{10}NBr$ 3-Bromo-*N*-methylcarbazole (STEVENS and TUCKER), 2146.

$C_{13}H_{10}N_2Br_2$ Benzaldehydedibromophenylhydrazones (HUMPHRIES, BLOOM, and EVANS), 1769.

$C_{13}H_{10}NI$ 3-Iodo-*N*-methylcarbazole (STEVENS and TUCKER), 2146.

$C_{13}H_{11}O_4N$ α-Naphthylglycine-8-carboxylic acid, sodium salt (DUTT), 224.

$C_{13}H_{11}NS_2$ 3-Amino-6-methylthianthren, hydrochloride of (KRISHNA), 2788.

$C_{13}H_{12}ON_2$ 5-Acetyl-2-phenyl-4-methylpyrimidine (MITTER and BARDHAN), 2181.

$C_{13}H_{12}O_2N_2$ 2-*p*-Tolyl-4-methylpyrimidine-5-carboxylic acid (MITTER and BARDHAN), 2181.

$C_{13}H_{12}O_3N_2$ Ethyl 4-keto-2 phenyl-1:4-dihydropyrimidine-5-carboxylate (MITTER and BARDHAN), 2183.

4-Nitro-8-acetyldihydropentindole (PERKIN and PLANT), 3246.

$C_{13}H_{13}ON$ 8-Acetyldihydropentindole (PERKIN and PLANT), 3245.

$C_{13}H_{13}O_3N_3$ 1-Ketotetrahydronaphthalene-3:3-dicarboxylic acid semicarbazone (ATTWOOD, STEVENSON, and THORPE), 1764.

$C_{13}H_{14}O_3N_2$ 9-Nitro-6-methyl-ψ-indoxyl*spirocyclo*pentane (PERKIN and PLANT), 691.

$C_{13}H_{14}O_4N_2$ 10-Nitro-8-acetyl-9-hydroxytetrahydropentindole (PERKIN and PLANT), 3246.

$C_{13}H_{15}O_3Cl$ Ethyl α-chloroethylbenzoylacetate (MACBETH), 1128.

$C_{13}H_{15}O_3Br$ Ethyl α-bromobenzylacetoacetate (MACBETH), 1127.

Ethyl α-bromoethylbenzoylacetate (MACBETH), 1128.

$C_{13}H_{16}O_2N_2$ 1:6-Diacetylamino-1-hydrindamine (INGOLD and PIGGOTT), 1491.

$C_{13}H_{16}N_2S_2$ *cyclo*Hexylene dithiocarbonate phenylhydrazone (MILLS and SCHINDLER), 320.

$C_{13}H_{19}O_4Br$ Ethyl hydrogen α-bromo-α-hydroxy*cyclo*heptane-1:1-diacetic lactone (BAKER and INGOLD), 130.

$C_{13}H_{20}O_2N_4$ αα′-Dicyano-β-hexylglutaramide (CURTIS, DAY, and KIMMINS), 3136.

6-Imino-3-cyano-5-carbamyl-4-hexyl-2-piperidone (CURTIS, DAY, and KIMMINS), 3137.

$C_{13}H_{20}O_4Br_2$ Ethyl αα′-dibromo-α′-hydroxy-ββ-di-*n*-propylglutarolactone (BAINS and THORPE), 2744.

$C_{13}H_{20}O_6N_6$ 4:5-Dimethoxy-*o*-tolylglyoxylic acid semicarbazide semicarbazone (KURODA and PERKIN), 2108.

$C_{13}H_{21}O_4Br$ Ethyl hydrogen α-bromo*cyclo*heptane-1:1-diacetate (BAKER and INGOLD), 130.

Ethyl hydrogen α-bromo-α′-hydroxy-ββ-dipropylglutarolactone (BAINS and THORPE), 1210.

$C_{13}H_{23}O_4Br$ Ethyl hydrogen α-bromo-ββ-di-*n*-propylglutarate (BAINS and THORPE), 1211.

13 IV

$C_{13}H_7O_4NS_2$ 3-Nitrothianthren-7(or 5)-carboxylic acid (KRISHNA), 2789.

$C_{13}H_7O_8NS_2$ 3-Nitrothianthren tetroxide-7(or 5)-carboxylic acid (KRISHNA), 2789.

$C_{13}H_9O_2NS_2$ 3-Aminothianthren-7(or 5)-carboxylic acid, hydrochloride of (KRISHNA), 2789.

3-Nitro-6-methylthianthren (KRISHNA), 2787.

$C_{13}H_9O_3NS$ 3-Nitro-6-methylphenothioxin (KRISHNA), 2785.

$C_{13}H_9O_6NS_2$ 3-Nitro-6-methylthianthren tetroxide (KRISHNA), 2788.

4-Nitro-2-sulphino-5′(or 3′)-carboxydiphenyl sulphide, and its ammonium salt (KRISHNA), 2789.

$C_{13}H_{11}O_4NS_2$ 4-Nitro-2-sulphino-4′-methyldiphenyl sulphide (KRISHNA), 2787.

$C_{13}H_{11}O_5NS$ 4-Nitro-2-sulphino-4′-methyldiphenyl ether (KRISHNA), 2785.

$C_{13}H_{12}O_4N_2S$ *p*-Nitrotoluene-ω-sulphonanilide (CLUTTERBUCK and COHEN), 2515.

$C_{13}H_{12}NIS$ 2-Methylnaphthathiazole methiodides (SMITH), 2293.

$C_{13}H_{13}O_2NS$ Toluene-ω-sulphonanilide (CLUTTERBUCK and COHEN), 2514.

$C_{13}H_{13}O_3NS$ Methyldiphenylaminesulphonic acid, salts of (GIBSON and VINING), 836.

$C_{13}H_{13}O_4N_2S$ *p*-Nitrotoluene-ω-sulphonphenylhydrazide (CLUTTERBUCK and COHEN), 2514.

$C_{13}H_{14}O_2N_2S$ Toluene-ω-sulphonphenylhydrazide (CLUTTERBUCK and COHEN), 2514.

13 V

$C_{13}H_{10}O_3NClS$ 6-Chloro-3-nitro-6′-hydroxy-3′-methyldiphenyl sulphide (KRISHNA), 2785.

$C_{13}H_{11}O_4N_2BrS$ 4-Bromo-*s*-diphenylcarbamide-2-sulphonic acid, potassium salt (SCOTT and COHEN), 3189.

$C_{13}H_{12}O_2NClS$ *p*-Chlorotoluene-ω-sulphonanilide (CLUTTERBUCK and COHEN), 2514.

$C_{13}H_{13}O_2N_2ClS$ *p*-Chlorotoluene-ω-sulphonphenylhydrazide (CLUTTERBUCK and COHEN), 2514.

C_{14} Group.

$C_{14}H_{10}$ Anthracene, constitution of (CHALLENOR and INGOLD), 2066.

Phenanthrene, bromination of (HENSTOCK), 3097.

14 II

$C_{14}H_8O_2$ Phenanthraquinone, action of hydrazine hydrate on (DUTT and SEN), 3420.

$C_{14}H_8O_3$ Diphenic anhydride, colouring matters from (DUTT), 225.

$C_{14}H_8S_2$ Dithioanthraquinone (HEILBRON and HEATON), 182.

$C_{14}H_{10}O$ 2-Anthrol, preparation of (HALL and PERKIN), 2035.

Anthrone, preparation of (BARNETT and MATTHEWS), 389.

$C_{14}H_{10}O_2$ 1:2-Anthradiol (HALL and PERKIN), 2035.

Dihydroxyanthracenes (HALL and PERKIN), 2032.

2:3-Dimethylchromone, reactivity of the 2-methyl group in (HEILBRON, BARNES, and MORTON), 2559.

$C_{14}H_{12}O_3$ 2:4-Dihydroxydeoxybenzoin (CHAPMAN and STEPHEN), 404.

$C_{14}H_{12}O_4$ 2:4:6-Trihydroxydeoxybenzoin (CHAPMAN and STEPHEN), 408.

$C_{14}H_{14}O_2$ 2-Styryl-3-methylchromone, and its salts (HEILBRON, BARNES, and MORTON), 2565.

$C_{14}H_{14}O_6$ Ethyl dihydrogen *cyclo*pentane*spirocyclo*pentan-3-one-1:2:4-tricarboxylic anhydride (INGOLD, LANFEAR, and THORPE), 3149.

$C_{14}H_{14}O_8$ Methyl acetyl-4:5-dimethoxy-ψ-phthalonate (KURODA and PERKIN), 2103.

$C_{14}H_{14}N_2$ Benzenylbenzylamidine, salts of (PYMAN), 3373.

Benzenylphenylmethylamidine, methylation of (PYMAN), 369.

$C_{14}H_{14}S_4$ Substance, from benzyl mercaptan and sulphur monochloride (CHAKRAVARTI), 967.

$C_{14}H_{15}N$ Ethyldiphenylamine, chloroplatinate of (GIBSON and VINING), 841.

$C_{14}H_{16}O_7$ Ethyl dihydrogen *cyclo*pentane*spirocyclo*pentan-3-one-1:2:4-tricarboxylate, silver salt (INGOLD, LANFEAR, and THORPE), 3148.

Methyl ethyl dimethoxyphthalonate (KURODA and PERKIN), 2101.

$C_{14}H_{16}N_2$ *o*-Hydrazotoluene, hydroferrocyanide of (CUMMING), 2472.

$C_{14}H_{22}O$ *iso*Longifolaldehyde (SIMONSEN), 2655.

$C_{14}H_{22}O_2$ Longifolic acids, and their salts (SIMONSEN), 2653.

$C_{14}H_{24}O$ *iso*Longifolol (SIMONSEN), 2655.

14 III

$C_{14}H_5O_8N_3$ 2:4:7-Trinitrophenanthraquinone (CHRISTIE and KENNER), 783.

$C_{14}H_6O_{13}N_4$ 4:6:4′:6′-Tetranitrodiphenic acids (CHRISTIE and KENNER), 783.

$C_{14}H_7O_{10}N_3$ 4:6:4′-Trinitrodiphenic acids, and their salts (CHRISTIE and KENNER), 784.

$C_{14}H_8OCl_2$ Dichloroanthrone (BARNETT and MATTHEWS), 2555.

$C_{14}H_8O_2Cl_2$ 3:6-Dichloro-4-methyl-1:2-α-naphthapyrone (DEY and DALAL), 3391.

$C_{14}H_8O_4Cl_2$ 6:6′-Dichlorodiphenic acid, synthesis and resolution of, and its brucine salts (CHRISTIE, JAMES, and KENNER), 1948.

$C_{14}H_8O_8S$ Anthraquinonesulphonic acids, sodium salts, destructive distillation of (PERKIN and SEWELL), 3032.

$C_{14}H_9OCl$ Chloro-9-anthrones (BARNETT and MATTHEWS), 2553.

$C_{14}H_9O_2Cl$ Chloro-4-methyl-1:2-α-naphthapyrones (DEY and DALAL), 3391.

$C_{14}H_9O_2Br$ 6-Bromo-4-methyl-1:2-α-naphthapyrone (DEY and DALAL), 3391.

$C_{14}H_9O_2I$ 9-Iodo-4-methyl-1:2-α-naphthapyrone (DEY and DALAL), 3391.

$C_{14}H_9O_5N$ 4-Nitro-2-methyl-α-naphthafuran-1-carboxylic acid, and its salts (DEY and ROW), 3384.

$C_{14}H_9O_7N_3$ Trinitrohydroxystilbenes (CULLINANE), 2058.

$C_{14}H_{10}O_4N_2$ 4:3′-Dinitrostilbene (CULLINANE), 2060.
$C_{14}H_{10}O_5N_2$ 2:4-Dinitro-3′-hydroxystilbene (CULLINANE), 2059.
$C_{14}H_{11}O_3N$ Nitrohydroxystilbenes (CULLINANE), 2059.
$C_{14}H_{11}O_3Cl$ 4′-Chloro-2:4-dihydroxydeoxybenzoin (CHAPMAN and STEPHEN), 408.
$C_{14}H_{11}O_4Cl$ 4′-Chloro-2:4:6-trihydroxydeoxybenzoin (CHAPMAN and STEPHEN), 409.
$C_{14}H_{11}NS$ 4-β-Naphthyl-2-methylthiazole, and its salts (SMITH), 2293.
$C_{14}H_{12}NBr$ 3-Bromo-*N*-ethylcarbazole (STEVENS and TUCKER), 2146.
$C_{14}H_{12}NI$ 3-Iodo-*N*-ethylcarbazole (STEVENS and TUCKER), 2147.
$C_{14}H_{12}N_2S$ Substance, from thiobenzamide and sulphur monochloride (CHAKRAVARTI), 968.
$C_{14}H_{13}O_2N$ 6-Amino-*m*-tolyl benzoate, and its hydrochloride (GIBSON), 1276.
N-Benzoylamino-*m*-cresols (GIBSON), 1276.
$C_{14}H_{14}ON_2$ 5-Acetyl-2-*p*-tolyl-4-methylpyrimidine (MITTER and BARDHAN), 2182.
Anhydro-8-aminotetrahydrocarbazole-9-acetic acid (PERKIN and RILEY), 2404.
$C_{14}H_{14}O_2N_2$ Ethyl 2-phenyl-4-methylpyrimidine-5-carboxylate (MITTER and BARDHAN), 2180.
$C_{14}H_{14}O_3N_2$ Ethyl 4-keto-2-*p*-tolyl-1:4-dihydropyrimidine-8-carboxylate (MITTER and BARDHAN), 2183.
Tetrahydrocarbazole-7-oxamic acid (EDWARDS and PLANT), 2398.
$C_{14}H_{14}O_4N$ *m*-Nitrobenzoyl-*p*-cresol (ALLSOP and KENNER), 2314.
$C_{14}H_{14}Cl_2Si$ Dichlorodi-*p*-tolylsilicane (PINK and KIPPING), 2831.
$C_{14}H_{15}ON_5$ 5-Acetyl-2-phenyl-4-methylpyrimidine semicarbazone (MITTER and BARDHAN), 2182.
$C_{14}H_{15}O_2N$ 11-Acetoxytetrahydrocarbazolenine (PERKIN and PLANT), 689.
Acetyl-ψ-indoxyl*spirocyclo*pentane (PERKIN and PLANT), 689.
Tetrahydrocarbazole-9-acetic acid (PERKIN and RILEY), 2402.
$C_{14}H_{16}ON_2$ Acetylaminotetrahydrocarbazoles (EDWARDS and PLANT), 2396.
Anhydro-8-aminohexahydrocarbazole-9-acetic acid (PERKIN and RILEY), 2405.
$C_{14}H_{16}O_2N_2$ Tetrahydrocarbazole-8-aminoacetic acid (PERKIN and RILEY), 2407.
$C_{14}H_{16}O_2Si$ Di-*p*-tolylsilicanediol (PINK and KIPPING), 2834.
$C_{14}H_{16}O_3N_2$ Quinoxaline derivative of α-keto-ββ-methylethylglutaric acid (SINGH and THORPE), 121.
$C_{14}H_{16}O_4Br_2$ Ethyl αα′-dibromo-*o*-phenylenediacetate, preparation of (CHALLENOR and INGOLD), 2074.
$C_{14}H_{17}ON$ Diphenyldimethylammonium hydroxide, chloroplatinate of (GIBSON and VINING), 838.
$C_{14}H_{17}O_3N$ 9-Acetyl-10:11-dihydroxyhexahydrocarbazole (PERKIN and PLANT), 688.
cis-3-Methyl-3-ethyl*cyclo*propane-1:2-dicarboxyanilic acid (SINGH and THORPE), 122.
$C_{14}H_{19}O_3N$ Methylethylglutaranilic acid (SINGH and THORPE), 117.
$C_{14}H_{20}O_{12}N_2$ Ethyl dinitroethanetetracarboxylate (ALLSOP and KENNER), 2315.
$C_{14}H_{21}O_3N_3$ Semicarbazone of ethyl 5-*cyclo*hexane*spirodicyclo*penten-3-ol-1-carboxylate (INGOLD, SEELEY, and THORPE), 873.
$C_{14}H_{23}ON$ Longifolamide (SIMONSEN), 2656.

$C_{14}H_{20}O_2N_2$ 1:4-Di-*n*-butyloxymethylpiperazine (G. M. and R. Robinson), 537.

$C_{14}H_{30}O_4S$ $\beta\beta'$-Di*iso*amyloxydiethylsulphone (Cashmore), 1743.

14 IV

$C_{14}H_8OClBr$ 4-Chloro-10-bromo-9-anthrone (Barnett and Matthews), 2554.

$C_{14}H_8O_4NBr$ 3-Bromo-6-nitro-4-methyl-1:2-α-naphthapyrone (Dey and Row), 3383.

$C_{14}H_{10}O_2NBr$ 3-Bromo-6-amino-4-methyl-1:2-α-naphthapyrone (Dey and Row), 3383.

$C_{14}H_{10}O_3ClS_2$ Diacetyl-4-chloro-1-naphthol 2-disulphide (Gibson and Smiles), 2392.

$C_{14}H_{11}O_2NS_2$ 3-Nitro-6:8-dimethylthianthren (Krishna), 2788.

$C_{14}H_{11}O_3NS_2$ 3-Nitro-8-methoxy-6-methylthianthren (Krishna), 2789.

$C_{14}H_{11}O_6NCl_2$ Diacetyltartaro-2:4-dichloroanil (Chattaway and Parkes), 664.

$C_{14}H_{11}O_6NBr_2$ Diacetyltartaro-2:4-dibromoanil (Chattaway and Parkes), 665.

$C_{14}H_{11}O_7NS$ 6-Nitro-2-benzenesulphoxy-3-methoxybenzaldehyde (Davies), 1585.

$C_{14}H_{11}O_5NS$ 6-Nitro-2-benzenesulphoxy-3-methoxybenzaldehyde (Davies), 1585.

$C_{14}H_{12}O_3NCl$ Oxime of 4′-chloro-2:4-dihydroxydeoxybenzoin (Chapman and Stephen), 408.

$C_{14}H_{12}O_6NCl$ Diacetyltartaro-*p*-chloroanil (Chattaway and Parkes), 664.

$C_{14}H_{12}O_6NBr$ Diacetyltartaro-*p*-bromoanil (Chattaway and Parkes), 664.

$C_{14}H_{13}ONS_2$ 3-Amino-8-methoxy-5-methylthianthren, hydrochloride of (Krishna), 2789.

$C_{14}H_{13}ON_2I$ 6-Acetylamino-1-hydrindyltrimethylammonium iodide (Ingold and Piggott), 1491.

$C_{14}H_{13}O_4NS_2$ 4-Nitro-2-sulphino-4′:6′-dimethyldiphenyl sulphide, sodium salt (Krishna), 2788.

$C_{14}H_{13}O_5NS_2$ 4-Nitro-6′-methoxy-2-sulphino-3′-methyldiphenyl sulphide (Krishna), 2788.

$C_{14}H_{14}O_4N_2S$ *s*-Phenyl-*p*-tolylcarbamide-2′-sulphonic acid, potassium salt (Scott and Cohen), 3189.

$C_{14}H_{15}O_3NS$ Methoxytoluenesulphonanilides (Haworth and Lapworth), 2988.

$C_{14}H_{17}N_2IS$ 2-*p*-Dimethylaminostyrylthiazole methiodide (Smith), 2291.

$C_{14}H_{18}ONI$ 6-Ethoxylepidine ethiodide (Mills and Braunholtz), 2811.

$C_{14}H_{18}N_2IS$ *p*-Dimethylamino-anil of 2-aldehydo-4-methylthiazole methiodide (Smith), 2295.

$C_{14}H_{24}O_4N_2S$ Ethyl $\beta\beta'$-diglycinodiethyl sulphide, and its chloroplatinate (Cashmore and McCombie), 2887.

14 V

$C_{14}H_{12}O_2N_8Cl_2S_2$ 2-Chloro-6-thiol-8-oxy-7:9-dimethylpurine disulphide (Ray, Chakravarti, and Bose), 1961.

C_{15} Group.

$C_{15}H_{24}$ Longifolene, oxidation of (Simonsen), 2652.

15 II

$C_{15}H_{12}O_3$ 6-Hydroxy-1:8-dimethylfluorone (PRATT and ROBINSON), 742.

$C_{15}H_{12}N_2$ Diphenylglyoxalines, isomeric, and their salts (BURTLES and PYMAN), 361.

$C_{15}H_{14}O_3$ 2:4-Dihydroxy-4′-methyldeoxybenzoin (CHAPMAN and STEPHEN), 408.

$C_{15}H_{14}O_4$ 2:4:6-Trihydroxy-4′-methyldeoxybenzoin (CHAPMAN and STEPHEN), 409.

$C_{15}H_{14}O_{10}$ Acid, from bromo-*o*-phenylenediacetic ester and ethyl sodiomalonate (CHALLENOR and INGOLD), 2078.

$C_{15}H_{14}N_4$ 2:5-*p*-Tolylimino-1-phenyldihydro-1:2:3-triazole (DUTT), 274.

$C_{15}H_{16}N_2$ Benzenylmethylbenzylamidine, and its picrate (PYMAN), 3374.
Methylbenzylaminobenzenylimidine, salts of (PYMAN), 3374.

$C_{15}H_{16}N_4$ Ethylformazyl (WALKER), 2778.

$C_{15}H_{19}N$ α-Homonaphthyldiethylamine, and its picrate (G. M. and R. ROBINSON), 543.

$C_{15}H_{22}O_2$ *d*-Longif-1:2-dione (SIMONSEN), 2659.

$C_{15}H_{22}O_7$ Ethyl *cyclo*pentan-1-one-2:5-dicarboxylate-3-acetate (FARMER), 3329.

$C_{15}H_{24}O_2$ *d*-Longif-1-ol-2-one (SIMONSEN), 2661.
Methyl longifolates (SIMONSEN), 2653.

$C_{15}H_{24}O_3$ Acid, from *d*-longif-1:2-dione and hydrogen bromide (SIMONSEN), 2664.

$C_{15}H_{24}O_4$ Longiforic acids (SIMONSEN), 2661.

$C_{15}H_{24}O_7$ Ethyl ω-acetylmethanetriacetate (DREIFUSS and INGOLD), 2967.

15 III

$C_{15}H_9O_2N$ 6-Cyano-4-methyl-1:2-α-naphthapyrone (DEY and DALAL), 3391.

$C_{15}H_9O_4N$ 3-Nitrophenylcoumarins (CULLINANE), 2059.

$C_{15}H_{11}O_3N$ 6-Acetylamino-1:2-α-naphthapyrone (DEY and DALAL), 3391.
Methylnitroanthrone (BARNETT and COOK), 2640.

$C_{15}H_{11}O_4N$ Phthalon-2-anilic acid, and its aniline salt (KURODA and PERKIN), 2107.

$C_{15}H_{13}O_3Cl$ 3:6-Dihydroxy-1:8-dimethylxanthylium chloride ($+H_2O$) (PRATT and ROBINSON), 741.

$C_{15}H_{12}O_5N_2$ Benzoyl derivative of 2:4-dinitro-6-amino-*m*-xylene (IBBOTSON and KENNER), 1267.

$C_{15}H_{14}O_2N_2$ 3-Nitro-*N*-*n*-propylcarbazoles (STEVENS and TAYLOR), 2144.

$C_{15}H_{14}O_2N_4$ αα′-Dicyano-β-styrylglutaramide (CURTIS, DAY, and KIMMINS), 3136.

$C_{15}H_{14}N_2S_2$ Bis-2-methylbenzothiazoline-1:1-spiran, and its salts (MILLS, CLARK, and AESCHLIMANN), 2369.

$C_{15}H_{15}O_2N$ Benzoyl derivative of 3-methoxy-*o*-toluidine (GIBSON), 1274.

$C_{15}H_{15}O_3N$ Oxime of 2:4-dihydroxy-4′-methyldeoxybenzoin (CHAPMAN and STEPHEN), 408.

$C_{15}H_{15}O_6N$ Diacetyltartarotolils (CHATTAWAY and PARKER), 665.

$C_{15}H_{16}O_2N_2$ Ethyl 2-*p*-tolyl-4-methylpyrimidine-5-carboxylate (MITTER and BARDHAN), 2181.

$C_{15}H_{16}O_3N_2$ Quinoxaline derivative of α-keto*cyclo*pentane-1:1-diacetic acid (LANFEAR and THORPE), 1688.

$C_{15}H_{16}O_4N_2$ Ethyl 5-nitrotetrahydrocarbazole-9-carboxylate (PERKIN and PLANT), 692.

$C_{15}H_{17}ON_5$ 5-Acetyl-2-*p*-tolyl-4-methylpyrimidone semicarbazone (MITTER and BARDHAN), 2182.

$C_{15}H_{17}O_2N$ Ethyl tetrahydrocarbazole-9-carboxylate (PERKIN and PLANT), 692.

$C_{15}H_{19}O_4N$ Ethyl 10:11-dihydroxyhexahydrocarbazole-9-carboxylate (PERKIN and PLANT), 693.

$C_{15}H_{21}O_2N_3$ Eserine (BARGER and STEDMAN), 758.

$C_{15}H_{21}O_3N$ β-*iso*Butylglutaranilide (CURTIS, DAY, and KIMMINS), 3136.

$C_{15}H_{21}O_6N$ Ethyl *cyclo*propane-1:1-dicarboxylate-2:3-diacetate (FARMER), 3336.

$C_{15}H_{23}O_3N$ *d*-Longif-1:2-dione oxime (SIMONSEN), 2660.

Acid, and its salts, from *d*-longif-1:2-dione monoxime and benzenesulphonyl chloride (SIMONSEN), 2665.

$C_{15}H_{25}ON_3$ *iso*Longifolaldehyde semicarbazone (SIMONSEN), 2655.

$C_{15}H_{25}O_3N$ Longifolamide urethane (SIMONSEN), 2656.

$C_{15}H_{26}O_4Br_2$ Ethyl αα′-dibromo-ββ-di-*n*-propylglutarate (BAINS and THORPE), 1210.

15 IV

$C_{15}H_9O_2NBr_2$ 3(or 4)-Bromo-1:2-naphthaquinone-4(or 3)-pyridinium bromide (BARNETT, COOK, and DRISCOLL), 515.

$C_{15}H_{10}O_2NBr$ 1:2-Naphthaquinone-3(or 4)-pyridinium bromide ($+H_2O$) (BARNETT, COOK, and DRISCOLL), 515.

$C_{15}H_{11}O_2NBr_2$ 3(or 4)-Bromo-1:2-dihydroxynaphthalene-4(or 3)-pyridinium bromide, and its picrate (BARNETT, COOK, and DRISCOLL), 516.

$C_{15}H_{13}O_2NS$ Benzoyl derivative of ψ-base C_8H_9ONS (MILLS, CLARK, and AESCHLIMANN), 2358.

$C_{15}H_{14}O_4NI$ 1:2-Diacetoxyphenylpyridinium iodide (BARNETT, COOK, and DRISCOLL), 514.

1:4-Diacetoxyphenylpyridinium iodide (BARNETT, COOK, and DRISCOLL), 511.

$C_{15}H_{14}NIS$ 4-β-Naphthyl-2-methylthiazole methiodide (SMITH), 2293.

$C_{15}H_{15}N_2IS$ 2-*p*-Dimethylaminostyryl-4-methylthiazole methiodide (SMITH), 2291.

$C_{15}H_{22}O_2NBr$ 1:4-Dihydroxynaphthalene-3-pyridinium bromide ($+H_2O$) (BARNETT, COOK, and DRISCOLL), 516.

$C_{15}H_{23}ON_2I$ Eseroline ethiodide (BARGER and STEDMAN), 764.

$C_{15}H_{25}O_6N_3S_2$ ββ′-Diglycinodiethyl sulphilimine (CASHMORE and MCCOMBIE), 2888.

C_{16} Group.

$C_{16}H_{10}O_8$ Diphenyl-3:5:3′:5′-tetracarboxylic acid (BURTON and KENNER), 1045.

$C_{16}H_{12}O_3$ 2-Furfurylidenemethyl-3-methylchromone (HEILBRON, BARNES, and MORTON), 2567.

4-Hydroxy-1:2-dimethylanthraquinone (FAIRBOURNE and GAUNTLETT), 1137.

$C_{16}H_{12}O_5$ Acetylanthragallol anthranol (BREARE and PERKIN), 2607.

Succinylfluorescein, and its salts (BIGGS and POPE), 2934.

$C_{16}H_{14}O_2$ Dimethoxyanthracenes (HALL and PERKIN), 2032.

$C_{16}H_{14}O_4$ Anthragallolanthranol dimethyl ether (BREARE and PERKIN), 2607.

o-2-Hydroxy-4:5-dimethylbenzoylbenzoic acid (FAIRBOURNE and GAUNTLETT), 1138.

$C_{16}H_{14}O_6$ Diacetylanthragallolanthranol (BREARE and PERKIN), 2607.

$C_{16}H_{14}O_{12}$ Acid, from dibromo-*o*-phenylenediacetic ester and ethyl sodiomalonate (CHALLENOR and INGOLD), 2077.

$C_{16}H_{15}N$ 3:5:7-Trimethylacridine, and its salts (MORGAN and HICKINBOTTOM), 103.

$C_{16}H_{18}N_2$ Di-*p*-tolyldimethinediazidine (INGOLD and PIGGOTT), 2750.

Methylbenzylaminobenzenylmethylimidine, picrate of (PYMAN), 3375.

$C_{16}H_{20}O_7$ Diethyl hydrogen *cyclo*pentane*spirodicyclo*pentan-3-one-1:2:4-tricarboxylate, potassium and silver salts (INGOLD, LANFEAR, and THORPE), 3148.

$C_{16}H_{22}O_5$ Diethyl 5-*cyclo*hexane*spirodicyclo*-Δ^2-penten-3-ol-1:2-dicarboxylate (INGOLD, SEELEY, and THORPE), 873.

$C_{16}H_{26}O_8$ Ethyl ω-carboxymethanetriacetate (DREIFUSS and INGOLD), 2966.

16 III

$C_{16}H_8O_5Br_4$ Succinyleosin, and its salts (BIGGS and POPE), 2939.

$C_{16}H_8O_{12}N_4$ Tetranitrosuccinylfluorescein, and its sodium salt (BIGGS and POPE), 2941.

$C_{16}H_{10}O_5Br_2$ Dibromosuccinylfluorescein (BIGGS and POPE), 2940.

$C_{16}H_{10}N_4S_3$ Substance, from 5-thiol-2-thio-3-phenyl-2:3-dihydro-1:3:4-thiodiazole and sulphur monochloride (CHAKRAVARTI), 967.

$C_{16}H_{11}O_3N$ Coumarin-6-carboxylanilide (DEY and DALAL), 3388.

$C_{16}H_{12}O_{10}N_2$ Dinitrosuccinylfluorescein hydrate (BIGGS and POPE), 2941.

$C_{16}H_{13}O_2Cl$ 7-Hydroxy-2-phenyl-4-methylbenzopyrylium chloride, and its additive compound with resorcinol (BUCK and HEILBRON), 2526.

$C_{16}H_{13}O_3Cl$ 7-Hydroxy-3-methoxy-2-phenylbenzopyrylium chloride (PRATT and ROBINSON), 749.

$C_{16}H_{13}O_4N$ 4-Nitro-2′- and -4′-acetoxystilbenes (CULLINANE), 2057.

$C_{16}H_{13}O_6Cl$ 7-Hydroxy-2-phenyl-4-methylbenzopyrylium perchlorate (BUCK and HEILBRON), 2526.

$C_{16}H_{14}O_2N_4$ Nitroso-3-phenylmethylamino-2-keto-1-methyl-1:2-dihydroquinoxaline (USHERWOOD and WHITELEY), 1087.

$C_{16}H_{14}O_4N_4$ Diphenyl-3:5:3′:5′-tetracarboxylamide (BURTON and KENNER), 1045.

$C_{16}H_{15}ON_3$ 3-Phenylmethylamino-2-keto-1-methyl-1:2-dihydroquinoxaline, and its salts (USHERWOOD and WHITELEY), 1086.

$C_{16}H_{15}O_2N_3$ Phenyl *p*-tolyl ketone semioxamazone (WILSON and PICKERING), 396.

$C_{16}H_{16}O_4N_2$ Phenylethylcarbamylnitrobenzaldoximes (BRADY and RIDGE), 2167.

$C_{16}H_{16}O_4N$ *m*-Hemipinanilic acid (KURODA and PERKIN), 2105.

$C_{16}H_{16}O_2N_2$ 3-Nitro-*N*-*n*-butylcarbazole (STEVENS and TUCKER), 2144.

Phenylethylcarbamylbenz*anti*aldoxime (BRADY and RIDGE), 2166.

$C_{16}H_{16}O_6N_2$ 3:5′-Dinitro-4:4′-diethoxydiphenyl (BRADY and MCHUGH), 2051.

$C_{16}H_{16}O_4N_4$ Carbanilino-3-nitro-*p*-dimethylaminobenz*anti*aldoxime (BRADY and TRUSZKOWSKI), 2437.

$C_{16}H_{16}O_4S$ 4-Methoxytoluene-3-sulphonacetophenone (GIBSON and SMILES), 2391.

$C_{16}H_{17}O_2N$ Anilino-5-*cyclo*hexane*spirocyclo*-Δ^2-pentene-1:4-dione (INGOLD, SEELEY, and THORPE), 865.

4:5-Dimethoxy-*o*-tolylideneaniline, and its hydrochloride (KURODA and PERKIN), 2109.

$C_{16}H_{18}O_3N_2$ Quinoxaline derivative of α-keto*cyclo*hexane-1:1-diacetic acid (INGOLD, SEELEY, and THORPE), 867.

$C_{16}H_{18}O_6N$ Diacetyltartaro-2:4-xylil (CHATTAWAY and PARKES), 665.

$C_{16}H_{18}Cl_2Pb$ Lead tri-*m*-xylyl dichloride (GODDARD), 1172.
$C_{16}H_{18}BrAs$ Methyldihydroarsindole benzobromide (TURNER and BURY), 2492.
$C_{16}H_{19}O_2N$ Ethyl tetrahydrocarbazole-9-acetate (PERKIN and RILEY), 2401.
$C_{16}H_{20}O_3N_2$ Phenylhydrazone of *cyclo*pentane*spirocyclo*pentan-3-one-1-carboxylic acid (INGOLD, LANFEAR, and THORPE), 3151.
$C_{16}H_{23}O_2N$ 4-Benzoyloxy-1:2:2:6-tetramethylpiperidine, and its salts (KIPPING), 3118.
$C_{16}H_{24}O_6S$ Ethyl tetrahydrothiophen-3:3:4:4-tetracarboxylate (MANN and POPE), 1175.
$C_{16}H_{28}O_2N_2$ *d*-Longif-1:2-dione semicarbazone (SIMONSEN), 2659.
$C_{16}H_{40}S_{16}Pt$ Substance, from dithioethylene glycol and platinic chloride (RÂY), 141.

16 IV

$C_{16}H_9O_2NS$ 3-Nitro-*p*-naphthaphenothioxin (KRISHNA), 2786.
$C_{16}H_9O_4NS$ 3-Nitro-β-naphthaphenothioxin dioxide (KRISHNA), 2786.
$C_{16}H_{10}O_2N_2Cl_2$ *p*-Chlorophenyliminosuccino-*p*-chloroanil (CHATTAWAY and PARKES), 668.
$C_{16}H_{10}O_2N_2Br_2$ *p*-Bromophenyliminosuccino-*p*-bromoanil (CHATTAWAY and PARKES), 668.
$C_{16}H_{10}N_4ClS_6Pt$ Substance, from thiodiazole and platinic chloride (RÂY), 139.
$C_{16}H_{11}O_2N_2Cl$ *p*-Chlorophenyliminosuccinanil (CHATTAWAY and PARKES), 669.
Phenyliminosuccino-*p*-chloroanil (CHATTAWAY and PARKES), 669.
$C_{16}H_{11}O_5NS$ 4-Nitro-2-sulphinophenyl β-naphthyl ether (KRISHNA), 2785.
$C_{16}H_{13}ON_3S$ Benzylidene derivative of 2:4-diketo-5-phenyltetrahydrothiazole-2-hydrazone (WILSON and BURNS), 803.
$C_{16}H_{13}O_2Cl_4Fe$ 3-Methoxy-2-phenylbenzopyrylium ferrichloride (PRATT and ROBINSON), 749.
$C_{16}H_{13}O_4Cl_4Fe$ 3:4′-Dihydroxy-3′-methoxy-2-phenylbenzopyrylium ferrichloride (PRATT and ROBINSON), 754.
$C_{16}H_{16}O_2N_2S_2$ 2:2′-Diformylmethylaminodiphenyl disulphide (MILLS, CLARK, and AESCHLIMANN), 2358.
2:2′-Dithiobenzomethylamide (MCCLELLAND and LONGWELL), 3314.
$C_{16}H_{16}O_2N_3Br$ Carbanilino-3-bromo-*p*-dimethylaminobenz*anti*aldoxime (BRADY and TRUSZKOWSKI), 2439.
$C_{16}H_{17}N_2S_2I$ Bis-2-methylbenzothiazoline-1:1-spiran methiodide (MILLS, CLARK, and AESCHLIMANN), 2369.

C_{17} Group.

$C_{17}H_{14}O$ Methoxy-1-benzylidene-3-α-hydroxybenzylindene (INGOLD and PIGGOTT), 1508.
$C_{17}H_{14}O_4$ 4-Methoxyphenyl 2-hydroxy-β-methoxystyryl ketone (PRATT and ROBINSON), 751.
$C_{17}H_{20}O_2$ Benzoylcamphor, mutarotation of (LOWRY and BURGESS), 2122.
$C_{17}H_{21}N_3$ Auramine, hydroferrocyanide of (CUMMING), 2459.
$C_{17}H_{22}N_2$ Tetramethyldiaminodiphenylmethane, hydroferrocyanide of (CUMMING), 2458.
$C_{17}H_{28}O_3$ *d*-Acetyl-longif-1-ol-2-one (SIMONSEN), 2661.
$C_{17}H_{26}O_7$ Pentamethylarbutin (MACBETH and MACKAY), 721.

$C_{17}H_{28}O_4$ Methyl longiforate (SIMONSEN), 2662.

$C_{17}H_{28}O_8$ Ethyl butane-$a\delta$-dicarboxylate-β-malonate (FARMER), 3329.

17 III

$C_{17}H_{13}O_2N$ Hydroxynaphthanilides (ROYLE and SCHEDLER), 1645; (BUTLER and ROYLE), 1654.

$C_{17}H_{13}O_5N$ 4:5-Dimethoxyphthalonanil (KURODA and PERKIN), 2105.

$C_{17}H_{14}O_5N_2$ 1-Keto-6:7-dimethoxy-2-phenyl-1:2-dihydrophthalazine-4-carboxylic acid (KURODA and PERKIN), 2103.

$C_{17}H_{15}O_3N_3$ 3:4-Oxido-2-keto-1-methyl-1:2:3:4-tetrahydroquinoxaline-3-carboxylmethylanilide (USHERWOOD and WHITELEY), 1078.

$C_{17}H_{15}O_4Cl$ 7-Hydroxy-3:4′-dimethoxy-2-phenylbenzopyrylium chloride ($+H_2O$) (PRATT and ROBINSON), 751.

$C_{17}H_{15}O_6N$ Dimethoxyphthalon-2-anilic acid (KURODA and PERKIN), 2104.

$C_{17}H_{16}O_3N_2$ Mesoxdimethylanilide (USHERWOOD and WHITELEY), 1080.

$C_{17}H_{16}O_4N_2$ Phenylethylcarbamyl-3:4-methylenedioxybenz*anti*aldoxime (BRADY and RIDGE), 2166.

$C_{17}H_{16}O_4N_4$ Substance, from *iso*nitrosomalondimethylanilide and water (USHERWOOD and WHITELEY), 1081.

$C_{17}H_{17}O_2N_3$ 2-Keto-1-methyl-1:2:3:4-tetrahydroquinoxaline-3-carboxylmethylanilide (USHERWOOD and WHITELEY), 1084.

Methoxycinnamaldehydephenylsemicarbazones, and their phototropy (HEILBRON, HUDSON, and HUISH), 2277.

$C_{17}H_{17}O_4N_3$ Nitromalondimethylanilide, and its potassium salt (USHERWOOD and WHITELEY), 1079.

$C_{17}H_{18}O_4N_2$ 4:5-Dimethoxy-*o*-tolylglyoxylic acid phenylhydrazone (KURODA and PERKIN), 2108.

$C_{17}H_{18}N_2S_2$ Bis-2-ethylbenzothiazoline-1:1-spiran (MILLS, CLARK, and AESCHLIMANN), 2369.

$C_{17}H_{19}O_3N$ Morphine, and its derivatives, bibliography of (GULLAND and ROBINSON), 996.

$C_{17}H_{21}O_6N$ Nitrobenzoate from glycol anhydride, $C_{10}H_{18}O_3$ (HENDERSON and ROBERTSON), 1853.

$C_{17}H_{22}O_5N_4$ Glycineanilide carbonate (USHERWOOD and WHITELEY), 1086.

$C_{17}H_{25}O_3N$ $\beta\beta$-Di-*n*-propylglutaranilic acid (BAINS and THORPE), 1210.

$C_{17}H_{25}O_5N_3$ Semicarbazone of diethyl 5-*cyclo*hexane*spirodicyclo*-Δ^2-penten-3-ol-1:2-dicarboxylate (INGOLD, SEELEY, and THORPE), 873.

17 IV

$C_{17}H_{11}O_2NS$ 4-Anilinothionaphthacoumarin (SMILES and HART), 2912.

$C_{17}H_{13}O_5NS$ 4-Nitro-β-naphthyl *p*-toluenesulphonate (CHALLENOR and INGOLD), 2080.

$C_{17}H_{15}O_3NS$ 4-Amino-β-naphthyl *p*-toluenesulphonate (CHALLENOR and INGOLD), 2080.

$C_{17}H_{15}O_3Cl_4Fe$ 3:4′-Dimethoxy-2-phenylbenzopyrylium ferrichloride (PRATT and ROBINSON), 751.

$C_{17}H_{15}O_6N_2Br$ Dimethoxyphthalonic acid *p*-bromophenylhydrazone (KURODA and PERKIN), 2103.

$C_{17}H_{16}O_3N_3Cl$ Chloro- derivative of 3:4-oxido-2-keto-1-methyl-1:2:3:4-tetrahydroquinoxaline-3-carboxymethylanilide (USHERWOOD and WHITELEY), 1079.

$C_{17}H_{16}O_4N_2Cl$ Chloronitromalondimethylanilide (USHERWOOD and WHITELEY), 1079.

$C_{17}H_{16}NIS$ 4:5-Diphenyl-2-methylthiazole methiodide (SMITH), 2292.

$C_{17}H_{17}O_2N_3Cl$ Chloromalondimethylanilide (USHERWOOD and WHITELEY), 1080.

$C_{17}H_{17}O_3Cl_4Fe$ 3:6-Dimethoxy-1:8-dimethylxanthylium ferrichloride (PRATT and ROBINSON), 743.

$C_{17}H_{18}O_4N_3Br$ Bromo-2:3-diethoxybenzaldehyde *p*-nitrophenylhydrazone (DAVIES and RUBENSTEIN), 2850.

$C_{17}H_{19}N_2IS$ 1′:2-Diethylthio-ψ-pyridocyanine iodide (MILLS and BRAUNHOLTZ), 2812.

$C_{17}H_{20}O_4NCl$ Bornylene chlorohydrin *p*-nitrobenzoate (HENDERSON and MAIR), 1158.

17 V

$C_{17}H_{10}O_2NClS$ 3-Chloro-4-anilinothionaphthacoumarin (SMILES and HART), 2913.

C_{18} Group.

$C_{18}H_{14}O_3$ Methoxy-1-piperonylideneindenes, isomeric (INGOLD and PIGGOTT), 1508.

$C_{18}H_{14}O_4$ Diacetoxyanthracenes (HALL and PERKIN), 2032.

$C_{18}H_{16}O_4$ Benzoyl derivative of β-hydroxy-β-3-methoxy-2-hydroxyphenylethyl methyl ketone (HEILBRON and WHITWORTH), 243.

$C_{18}H_{16}O_5$ 2:4-Diacetoxydeoxybenzoin (CHAPMAN and STEPHEN), 407.

Succinylfluorescein ethyl ether (BIGGS and POPE), 2937.

$C_{18}H_{16}Cl_2$ Dichlorodianthranyl (BARNETT and MATTHEWS), 2555.

$C_{18}H_{18}O_2$ Diethoxyanthracenes (HALL and PERKIN), 2033.

$C_{18}H_{18}N_8$ Bismark brown, hydroferrocyanide of (CUMMING), 2459.

$C_{18}H_{19}N_4$ 4:4′-Dimethylallylformazyl (WALKER), 2777.

$C_{18}H_{32}O_{12}$ Methyl *cyclo*propyl*cyclo*propanehexacarboxylate (FARMER), 3338.

$C_{18}H_{24}O_7$ Ethyl *cyclo*pentane*spirodicyclo*pentan-3-one-1:2:4-tricarboxylate, and its sodium salt (INGOLD, LANFEAR, and THORPE), 3148.

$C_{18}H_{24}N_2$ βγ-Di-*p*-tolylamino-*n*-butanes, isomerism of, and their salts (MORGAN and HICKINBOTTOM), 97.

$C_{18}H_{32}O_{16}$ Hexatriose, preparation of (LING and NANJI), 2678.

Raffinose, constitution of (HAWORTH, HIRST, and RUELL), 3125.

$C_{18}H_{34}O_2$ Oleic acid, potassium salt, migration data for (MCBAIN and BOWDEN), 2417; solutions of, in water and alcohol (BIRCUMSHAW), 91; protective action of, on gold sols in alcohol–water mixtures (RIDEAL and BIRCUMSHAW), 1565.

18 III

$C_{18}H_{12}O_5Br_4$ Ethyl succinyleosincarboxylate (BIGGS and POPE), 2940.

$C_{18}H_{13}O_4N_3$ α-Naphthylcarbamylnitrobenzaldoximes (BRADY and RIDGE), 2172.

$C_{18}H_{14}O_2N_2$ α-Naphthylcarbamylbenzaldoximes (BRADY and RIDGE), 2169.

$C_{18}H_{15}O_5Cl$ 4′-Chloro-2:4-diacetoxydeoxybenzoin (CHAPMAN and STEPHEN), 408.

$C_{18}H_{15}O_4N$ Diacetyltartaro-β-naphthil (CHATTAWAY and PARKES), 665.

$C_{18}H_{16}O_2N_2$ Tolyliminosuccinotolils (CHATTAWAY and PARKES), 668.

$C_{18}H_{16}O_4Cl_2$ Ethyl 6:6′-dichlorodiphenate (CHRISTIE, JAMES, and KENNER), 1950.

$C_{18}H_{17}O_3N_3$ 6:8-Diketo-5:9-dimethyl-5:6:8:9-tetrahydromalonaliniu m methoxide (USHERWOOD and WHITELEY), 1088.

$C_{18}H_{19}O_3N$ Thebenine, constitution of (GULLAND and ROBINSON), 992.

$C_{18}H_{21}O_3N$ Thebainone, preparation of (GULLAND and ROBINSON), 1003.

$C_{18}H_{22}O_2N_4$ *n*-Butylene-$\beta\gamma$-di-*p*-tolyldinitrosodiamines (MORGAN and HICKINBOTTOM), 101.
$C_{18}H_{23}O_3N$ Thebainol (GULLAND and ROBINSON), 1005.
$C_{18}H_{25}O_2Cl$ *l*-Menthyl phenylchloroacetates, isomeric (MCKENZIE and SMITH), 1962.

18 IV

$C_{18}H_{17}O_5Cl_4Fe$ 7-Hydroxytrimethoxy-2-phenylbenzopyrylium ferrichlorides (PRATT and ROBINSON), 757.
$C_{18}H_{19}N_2IS$ 2-*p*-Dimethylaminostyrylbenzothiazole methiodide (SMITH), 2292.
$C_{18}H_{20}O_2N_2S_2$ 2:2′-Diformylethylaminodiphenyl disulphide (MILLS, CLARK, and AESCHLIMANN), 2361.
$C_{18}H_{32}O_2N_2I_2$ Esoline dimethiodide (BARGER and STEDMAN), 765.
$C_{18}H_{32}O_3N_2I_2$ Hydroxyesoline dimethiodide (BARGER and STEDMAN), 767.

C_{19} Group.

$C_{19}H_{14}O_4$ 3′:4′-Methylenedioxy-2-styryl-3-methylchromone, and its hydrochloride (HEILBRON, BARNES, and MORTON), 2567.
$C_{19}H_{16}O_3$ Methoxy-2-styryl-3-methylchromones, and their salts (HEILBRON, BARNES, and MORTON), 2566.
$C_{19}H_{18}O_5$ 2:4-Diacetoxy-4′-methyldeoxybenzoin (CHAPMAN and STEPHEN), 408.
$C_{19}H_{23}O_3$ Methylmorphimethines, isomeric (GULLAND and ROBINSON), 988.
$C_{19}H_{24}N_2$ Tetrahydroglyoxaline derivatives of *n*-butylene-$\beta\gamma$-di-*p*-tolyldinitrosodiamines (MORGAN and HICKINBOTTOM), 101.

19 III

$C_{19}H_{14}O_4N_2$ α-Naphthylcarbamyl-3:4-methylenedioxybenzaldoximes (BRADY and RIDGE), 2170.
$C_{19}H_{14}N_2Br_2$ Benzophenone-3:4-dibromophenylhydrazone (HUMPHRIES, BLOOM, and EVANS), 1770.
$C_{19}H_{13}ON$ *N*-Phenylbenziminophenyl ether, hydrochloride of (CHAPMAN), 1152.
$C_{19}H_{18}N_2Br_2$ Benzophenone-*p*-bromophenylhydrazone (HUMPHRIES, BLOOM, and EVANS), 1771.
$C_{19}H_{16}O_3N_2$ α-Naphthylcarbamyl methoxybenzaldoximes (BRADY and RIDGE), 2171.
5-Nitro-9-benzoyltetrahydrocarbazole (PERKIN and PLANT), 686.
$C_{19}H_{17}ON$ 9-Benzoyltetrahydrocarbazole (PERKIN and PLANT), 685.
$C_{19}H_{17}O_3N$ γ-4-Hydroxy-2-phenylquinoline-3-butyric acid (PERKIN and PLANT), 687.
$C_{19}H_{17}O_3N_3$ Nitromesityleneazo-*p*-naphthol (MORGAN and DAVIES), 232.
$C_{19}H_{17}O_3P$ Triphenylmethylphosphorous acid (BOYD and CHIGNELL), 816.
$C_{19}H_{19}ON$ 4′-Dimethylamino-2-styrylbenzopyrylium, salts of (BUCK and HEILBRON), 1395.
$C_{19}H_{18}O_3N_4$ Nitroaminomesityleneazo-β-naphthol (MORGAN and DAVIES), 234.
$C_{19}H_{19}O_4N_2$ 11-Nitro-9-benzoyl-10-hydroxyhexahydrocarbazole (PERKIN and PLANT), 686.
5-Nitro-4′-dimethylamino-2-hydroxydistyryl ketone (HEILBRON and WHITWORTH), 241.
$C_{19}H_{18}N_3Cl$ Substance, from thiocarbanilide and sulphur monochloride (CHAKRAVARTI), 968.
$C_{19}H_{19}ON_3$ Aminomesityleneazo-β-naphthol (MORGAN and DAVIES), 233.

$C_{19}H_{19}O_2N$ 4′-Dimethylamino-2-hydroxydistyryl ketone, effect of substitution on the reactivity of (HEILBRON and WHITWORTH), 238.

$C_{19}H_{19}O_3N_3$ 6:8-Diketo-5:9-dimethyl-5:6:8:9-tetrahydromalonalinium ethoxide (USHERWOOD and WHITELEY), 1088.

$C_{19}H_{19}O_4N$ δ-*o*-Benzoylaminobenzoylvaleric acid, and its sodium salt (PERKIN and PLANT), 686.

$C_{19}H_{20}O_4N_4$ Nitromesityleneazoacetoacetanilide (MORGAN and DAVIES), 232.

$C_{19}H_{21}O_4N$ *cyclo*Pentane*spirodicyclo*pentan-3-one-1:2-dicarboxy-*p*-xylidic acid (INGOLD, LANFEAR, and THORPE), 3150.

$C_{19}H_{21}O_5N$ Thebaizone (GULLAND and ROBINSON), 984.

$C_{19}H_{22}N_2I$ 2-*p*-Dimethylaminostyryl-3-methylbenziminazole methiodide (SMITH), 2294.

$C_{19}H_{26}O_3N_4$ Thebainolsemicarbazone (GULLAND and ROBINSON), 1006.
Dihydrothebainonesemicarbazone (GULLAND and ROBINSON), 1007.

19 IV

$C_{19}H_{15}OCl_2P$ Triphenylmethoxyphosphorus dichloride (BOYD and CHIGNELL), 816.

$C_{19}H_{17}N_2IS_2$ 4-Phenyl-2-methylbenzothiazolenylmethylthiazole methiodide (MILLS, BRAUNHOLTZ, and SMITH), 2812.

$C_{19}H_{18}O_2NBr$ 5-Bromo-4′-dimethylamino-2-hydroxydistyryl ketone (HEILBRON and WHITWORTH), 242.

$C_{19}H_{18}O_3N_2Cl$ Acetyl derivative of 3:4-oxido-2-keto-1-methyl-1:2:3:4-tetrahydroquinoxaline-3-carboxylmethylanilide (USHERWOOD and WHITELEY), 1079.

$C_{19}H_{26}O_3NI$ Thebainol methiodide (GULLAND and ROBINSON), 1006.

$C_{19}H_{33}O_2N_2I_3$ Iodoesoline methyl ether dimethiodide (BARGER and STEDMAN), 768.

$C_{19}H_{34}O_2N_2I_2$ Esoline methyl ether dimethiodide (BARGER and STEDMAN), 762.

$C_{19}H_{34}O_{10}N_2Cl_2$ Esoline methyl ether dimethoperchlorate (BARGER and STEDMAN), 763.

19 V

$C_{19}H_{16}ONSAs$ Triphenylarsine hydroxythiocyanate (CHALLENGER, SMITH, and PATON), 1053.

$C_{19}H_{16}ONSSb$ Triphenylstibine hydroxythiocyanate (CHALLENGER, SMITH, and PATON), 1052.

C_{20} Group.

$C_{20}H_{14}O_4$ Phenolphthalein, sodium salts (BASSETT and HALTON), 1291.

$C_{20}H_{14}S_4$ Substance, from β-naphthyl mercaptan and sulphur monochloride (CHAKRAVARTI), 968.

$C_{20}H_{16}O_2$ 2-Cinnamylidenemethyl-3-methylchromone (HEILBRON, BARNES, and MORTON), 2567.

$C_{20}H_{16}N_2$ αα′-Hydrazonaphthalene (CUMMING and STEEL), 2467.

$C_{20}H_{18}O_2$ αζ-Diphenyl-γδ-dimethyl-$\Delta^{\alpha\epsilon}$-hexadi-inene-γδ-diols, stereoisomeric (WILSON and HYSLOP), 2616.

$C_{20}H_{18}O_3$ 6-Ethoxy-2-styryl-3-methylchromone (HEILBRON, BARNES, and MORTON), 2568.

$C_{20}H_{18}O_4$ Dimethoxy-2-styryl-3-methylchromones, and their salts (HEILBRON, BARNES, and MORTON), 2566.

$C_{20}H_{18}O_5$ 3′:4′-Methylenedioxy-6-ethoxy-2-styryl-3-methylchromone HEILBRON, BARNES, and MORTON), 2568.

$C_{20}H_{18}N_2$ 2:3-Diphenyl-1:2:3:4-tetrahydroquinoxalines, and their salts (BENNETT and GIBSON), 1570.

$C_{20}H_{18}N_4$ Benzylformazyl (WALKER), 2778.

$C_{20}H_{20}O_5$ Succinylfluorescein diethyl ethers (BIGGS and POPE), 2937.

$C_{20}H_{30}O_8$ Ethyl *cyclo*pentane*spiro*-1-methyl*cyclo*propane-1:2-ω:ω-tetracarboxylate (INGOLD, LANFEAR, and THORPE), 3147.

$C_{20}H_{38}O_{11}$ Heptamethyl methylgentiobioside (HAWORTH and WYLAM), 3123.

20 III

$C_{20}H_{12}O_{15}N_4$ Diacetyl derivative of tetranitrosuccinylfluorescein (BIGGS and POPE), 2941.

$C_{20}H_{13}O_2N$ 9-Nitro-10-phenylanthracene (BARNETT and COOK), 2638.

$C_{20}H_{13}O_3N$ Phenylnitroanthrone (BARNETT and COOK), 2642.

$C_{20}H_{16}O_5Br_4$ Succinyleosin diethyl ether (BIGGS and POPE), 2940.

$C_{20}H_{17}ON$ *N-p*-Tolylbenziminophenyl ether, hydrochloride of (CHAPMAN), 1153.

$C_{20}H_{17}O_2N$ Methoxyanthranylpyridinium hydroxide, picrate of (BARNETT, COOK, and MATTHEWS), 2004.

$C_{20}H_{18}O_3N_2$ 5-Nitro-9-phenylacetyltetrahydrocarbazole (PERKIN and PLANT), 694.

$C_{20}H_{18}O_4N_2$ α-Naphthylcarbamyl-3:4-dimethoxybenz*anti*aldoxime (BRADY and RIDGE), 2173.

$C_{20}H_{19}ON$ 9-Phenylacetyltetrahydrocarbazole (PERKIN and PLANT), 693.

$C_{20}H_{19}O_2N_3$ α-Naphthylcarbamyl-*p*-dimethylaminobenz*anti*aldoxime (BRADY and RIDGE), 2173.

$C_{20}H_{20}O_2N$ 4′-Dimethylamino-2-styryl-3-methylchromone (HEILBRON, BARNES, and MORTON), 2567.

$C_{20}H_{21}ON$ γ-Hydroxy-$\alpha\gamma\gamma$-triphenylpropylamines (MCKENZIE and RICHARDSON), 90.

$C_{20}H_{21}O_3N$ 4′-Dimethylaminomethoxy-2-hydroxydistyryl ketones (HEILBRON and WHITWORTH), 243.

9-Phenylacetyl-10:11-dihydroxyhexahydrocarbazole (PERKIN and PLANT), 694.

$C_{20}H_{22}O_2N_2$ *trans*-3-Methyl-3-ethyl*cyclo*propane-1:2-dicarboxydianilide (SINGH and THORPE), 121.

*apo*Yohimbic acid, and its hydrochloride (BARGER and FIELD), 1041.

$C_{20}H_{27}ON$ *iso*Longifolanilide (SIMONSEN), 2657.

20 IV

$C_{20}H_{12}O_2Cl_2S_2$ 4:4′-Dichloro-1:1′-dihydroxydi-β-naphthyl trisulphide (GIBSON and SMILES), 2393.

$C_{20}H_{15}N_2S_2Sb$ Triphenylstibine dithiocyanate (CHALLENGER, SMITH, and PATON), 1052.

$C_{20}H_{16}O_4N_2S$ Substance, from $\beta\beta'$-dichlorodiethyl sulphide and potassium phthalimide (CASHMORE and MCCOMBIE), 2889.

$C_{20}H_{20}N_2IS_2$ 2-*p*-Dimethylaminostyryl-6-methylbenzbisthiazole methiodide (EDGE), 2332.

$C_{20}H_{23}N_2IS$ *p*-Dimethylamino-anil of 2-aldehyde-4-phenyl-5-methylthiazole methiodide (SMITH), 2295.

$C_{20}H_{24}O_2N_2S_2$ 2:2′-Dithiobenzopropylamide (MCCLELLAND and LONGWELL), 3314.

$C_{20}H_{24}O_4N_2S_2$ 4:4′-Diacetylaminodiphenetyl 2:2′-disulphide (JOHNSON and SMILES), 2387.

$C_{20}H_{24}O_6N_2S$ Anhydroyohimbic acid sulphuric ester (BARGER and FIELD), 1041.

$C_{20}H_{26}O_7N_2S$ Yohimbic acid sulphuric ester (BARGER and FIELD), 1042.

$C_{20}H_{28}O_3NI$ Methyldihydrothebainone methiodide (GULLAND and ROBINSON), 1009.

Methylthebainol methiodide (GULLAND and ROBINSON), 1009.

$C_{20}H_{30}O_2Br_4S$ Carvone hydrosulphide tetrabromide (CHALLENGER, SMITH, and PATON), 1051.

$C_{20}H_{35}O_2N_2I_2$ Iodoesoline ethyl ether dimethiodide (BARGER and STEDMAN), 767.

$C_{20}H_{36}O_2N_2I_2$ Esoline ethyl ether dimethiodide (BARGER and STEDMAN), 763.

Esoline methyl ether methyl ethyl diquaternary iodide (BARGER and STEDMAN), 764.

$C_{20}H_{36}O_3N_2I_2$ Hydroxyesoline ethyl ether dimethiodide (BARGER and STEDMAN), 768.

$C_{20}H_{36}O_{10}N_2Cl_2$ Esoline ethyl ether dimethoperchlorate (BARGER and STEDMAN), 764.

C_{21} Group.

$C_{21}H_{16}O$ Phenylanthranyl methyl ether (BARNETT and COOK), 2637.

$C_{21}H_{18}O$ Diphenylmethyl benzyl ketone (MCKENZIE and RICHARDSON), 91.

$C_{21}H_{20}O_4$ 4′-Methoxy-6-ethoxy-2-styryl-3-methylchromone (HEILBRON, BARNES, and MORTON), 2568.

$C_{21}H_{20}N_2$ Benzenyldibenzylamidine, salts of (PYMAN), 3373.

$C_{21}H_{26}N_2$ Quinoxaline derivative of *d*-longif-1:2-dione (SIMONSEN), 2660.

21 III

$C_{21}H_{13}O_2N_3$ 3′-Nitro-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1561.

$C_{21}H_{14}O_2N_4$ 3′-Nitro-5-amino-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1562.

$C_{21}H_{15}O_2N_5$ Nitrodiaminophenylphenanthriminazoles (A. C. and G. C. SIRCAR), 1562.

$C_{21}H_{16}O_3N_2$ Phthalondianilide (KURODA and PERKIN), 2108.

$C_{21}H_{18}O_3N_2$ Diphenylcarbamyl-*p*-methoxybenz*syn*aldoxime (BRADY and RIDGE), 2168.

$C_{21}H_{19}O_2N_4$ Ethoxyanthranylpyridinium hydroxide, picrate of (BARNETT, COOK, and MATTHEWS), 2004.

$C_{21}H_{19}O_6N_5$ 6-Nitromesitylenebisazoresorcinol (MORGAN and DAVIES), 234.

$C_{21}H_{20}O_2N_4$ 4-Hydroxy-3-methoxyphenylglyoxaldiphenylhydrazone (PRATT and ROBINSON), 754.

$C_{21}H_{22}O_3N_2$ *cis-cyclo*Pentane*spiro*-1-hydroxy*cyclo*propane-1:2-dicarboxyanilide (LANFEAR and THORPE), 1687.

$C_{21}H_{25}N_2I$ 2-*p*-Dimethylaminostyryl-3:3-dimethylindolenine methiodide (SMITH), 2294.

$C_{21}H_{26}O_3N_2$ Yohimbine (FIELD), 3003.

$C_{21}H_{28}ON_2$ *d*-Longif-1:2-dione phenylhydrazone (SIMONSEN), 2660.

$C_{21}H_{29}O_2N$ *iso*Longifolol phenylurethane (SIMONSEN), 2655.

21 IV

$C_{21}H_{10}ON_2Br_4$ 3′:5′:7:8-Tetrabromo-4′-hydroxy-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1563.

$C_{21}H_{11}ON_2Br_3$ 5′:7:8-Tribromo-2′-hydroxy-2-phenylphenanthriminazole (A. C. and G. C. Sircar), 1563.

$C_{21}H_{11}O_2N_3Br_2$ 7:8-Dibromo-4′-nitro-2-phenylphenanthriminazole (A. C. and G. C. Sircar), 1563.

$C_{21}H_{12}O_2N_3Br$ 5-Bromo-3′-nitro-2-phenylphenanthriminazole (A. C. and G. C. Sircar), 1562.

$C_{21}H_{13}ON_2Br$ 5′-Bromo-2′-hydroxy-2-phenylphenanthriminazole (A. C. and G. C. Sircar), 1563.

$C_{21}H_{13}OCl_4Fe$ Dinaphthapyrylium ferrichloride (Pratt and Robinson), 744.

$C_{21}H_{20}ON_4S_2$ 2:6-Dithiol-8-oxy-7:9-dimethylpurine dibenzyl ether (Rây, Chakravarti, and Bose), 1962.

$C_{21}H_{21}N_2SI$ 1′:2-Diethylthio-ψ-cyanide iodide (Mills and Braunholtz), 2809.

$C_{21}H_{23}NIS$ 2-*p*-Dimethylaminostyryl-4-phenyl-5-methylthiazole methiodide (Smith), 2292.

$C_{21}H_{27}ON_2Br$ *d*-Longif-1:2-dione *p*-bromophenylhydrazone (Simonsen), 2660.

$C_{21}H_{38}O_2N_2I_2$ Esoline ethyl ether methyl ethyl diquaternary iodide (Barger and Stedman), 764.

C_{22} Group.

$C_{22}H_{18}O_3$ Tetra-acetyl anthragallol anthranol (Breare and Perkin), 2607.

$C_{22}H_{20}O_3$ Trimethylaurins (Baines and Driver), 1217.

$C_{22}H_{22}O_2$ $\alpha\theta$-Diphenyl-$\gamma\zeta$-dimethyl-$\Delta^{\alpha\eta}$-octadi-inene-$\gamma\zeta$-diols, stereoisomeric (Wilson and Hyslop), 2617.

$C_{22}H_{22}O_4$ 2′:5′-Diethoxy-2-styryl-3-methylchromone (Heilbron, Barnes, and Morton), 2567.

22 III

$C_{22}H_{16}O_4N_6$ 4-*p*-Nitrobenzeneazo-3(or 5)-phenyl-1-*p*-nitrophenyl-5(or 3)-methylpyrazole (Macbeth), 1130.

$C_{22}H_{20}O_4N_2$ $\alpha\alpha'$-Dihydroxy-*o*-phenylenediacetanilide (Challenor and Ingold), 2075.

$C_{22}H_{28}O_3N_2$ Ethyl yohimbate (Field), 3005.

22 IV

$C_{22}H_{11}O_2N_3Br_2$ Dibromonitrophenylphenanthriminazoles (A. C. and G. C. Sircar), 1561.

$C_{22}H_{16}O_2N_2Br_4$ 3:3′-Dibromo-4:4′-dihydroxydiphenyl-5:5′-dipyridinium dibromide (Barnett, Cook, and Driscoll), 517.

$C_{22}H_{21}N_2IS$ 2-*p*-Dimethylaminostyrylnaphthathiazole methiodides (Smith), 2294.

C_{23} Group.

$C_{23}H_{18}O_4$ 4′:7-Dihydroxy-2-phenyl-4-styrylbenzopyrylium hydroxide, and its salts (Buck and Heilbron), 2529.

$C_{23}H_{19}O_2$ Tolylanthranyl acetate (Barnett and Cook), 2639.

23 III

$C_{23}H_{20}O_5N_2$ 4:5-Dimethoxyphthalondianilide (Kuroda and Perkin), 2105.

$C_{23}H_{21}N_2I$ 1:1′-Dimethylcarbocyanine iodide, preparation of (Hamer), 254.

$C_{23}H_{22}O_6N$ 4:5-Dimethoxyphthalonic acid 1-phenylhydrazone 2-phenylhydrazide (KURODA and PERKIN), 2104.

$C_{23}H_{22}ON_2$ 2-Keto-1-phenyl-3:5-di-*p*-tolylhexahydro-1:3:5-triazine (INGOLD and THORPE), 2751.

$C_{23}H_{24}N_2Cl_2$ Methylenediquinaldine dimethochloride (+ H_2O) (HAMER), 252.

$C_{23}H_{24}N_2Br_2$ Methylenediquinaldine dimethobromide (HAMER), 252.

$C_{23}H_{24}N_2I_2$ Methylenediquinaldine dimethiodide (HAMER), 251.

$C_{23}H_{24}N_4O_6$ Methylenediquinaldine dimethonitrate (HAMER), 252.

$C_{23}H_{30}O_3N_2$ Propyl yohimbate (FIELD), 3005.

23 IV

$C_{23}H_{21}N_2IS_2$ 4:4′-Diphenyl-3:3′-dimethylthiazolocarbocyanine iodide (MILLS and BRAUNHOLTZ), 2813.

C_{24} Group.

$C_{24}H_{18}O$ Naphthyldeoxybenzoin (MCKENZIE and RICHARDSON), 89.

$C_{24}H_{20}O_4$ 7-Hydroxy-4′-methoxy-2-phenyl-4-styrylbenzopyrylium hydroxide, and its salts (BUCK and HEILBRON), 2528.

$C_{24}H_{26}O_8$ Ethyl diphenyl-3:5:3′:5′-tetracarboxylate (BURTON and KENNER), 1045.

$C_{24}H_{27}N_3$ Polymeride of di-*p*-tolyldimethinediazidine (INGOLD and PIGGOTT), 2750.

$C_{24}H_{27}Pb$ Lead tri-*m*-xylyl, and its action on thallic chloride (GODDARD), 1171.

$C_{24}H_{27}Sb$ Tri-*m*-xylylstibine (GODDARD), 2315.
Tri-*p*-xylylstibine (GODDARD), 1170.

$C_{24}H_{34}O_{12}$ Ethyl *cyclo*propyl*cyclo*propanehexacarboxylate (FARMER), 3339.

24 III

$C_{24}H_{14}O_2N_2$ *peri*-Naphthindigotin (DUTT), 224.

$C_{24}H_{16}N_2S_2$ 2:6-Distyrylbenzbisthiazoles (EDGE), 2332.

$C_{24}H_{22}O_2N_2$ Diacetyl-2:3-diphenyl-1:2:3:4-tetrahydroquinoxaline (BENNETT and GIBSON), 1574.

$C_{24}H_{24}O_8N$ Di-*p*-nitrobenzoate of glycol $C_{10}H_{18}O_2$, from bornylene chlorohydrin and potassium hydroxide (HENDERSON and MAIR), 1159.

$C_{24}H_{24}O_8N_2$ Di-*p*-nitrobenzoate of glycol anhydride $C_{10}H_{18}O_2$ (HENDERSON and ROBERTSON), 1853.

$C_{24}H_{24}I_3Sb$ Tri-*s*-iodotri-*m*-xylylstibine (GODDARD), 2321.

$C_{24}H_{27}Cl_2Sb$ Tri-*m*-xylylstibine dichloride (GODDARD), 2319.
Tri-*p*-xylylstibine dichloride (GODDARD), 1170.

$C_{24}H_{27}Br_2Sb$ Tri-*m*-xylylstibine dibromide (GODDARD), 2320.

$C_{24}H_{30}N_2Sb$ Tri-5-aminotri-*m*-xylylstibine (GODDARD), 2321.

$C_{24}H_{34}O_4N_2$ Butyl yohimbate (FIELD), 3005.

24 IV

$C_{24}H_{15}N_6S_2Pt$ Substance, from thiodiazole and platinic chloride (RÂY), 138.

$C_{24}H_{23}N_2IS$ 2-*p*-Dimethylaminostyryl-4-*β*-naphthylthiazole methiodide (SMITH), 2293.

$C_{24}H_{24}O_6N_3Sb$ Tri-5-nitrotri-*m*-xylylstibine (GODDARD), 2320.

$C_{24}H_{24}O_7N_3Sb$ Tri-5-nitrotri-*m*-xylylstibine oxide (GODDARD), 2321.

$C_{24}H_{24}O_{12}N_3Sb$ Tri-5-nitrotri-*m*-xylylstibine dinitrate (GODDARD), 2320.

$C_{24}H_{27}Cl_2HgSb$ Tri-*m*-xylylstibine mercurichloride (GODDARD), 2320.

24 V

$C_{24}H_{21}O_8N_3Br_3Sb$ Tri-6-bromotri-5-nitrotri-*m*-xylylstibine dibromide (GODDARD), 2322.

$C_{24}H_{21}O_7N_3Br_3Sb$ Tri-6-bromotri-5-nitrotri-*m*-xylylstibine oxide (GODDARD), 2322.

C_{25} Group.

$C_{25}H_{18}S_3$ Bisthioanthrone sulphide (HEILBRON and HEATON), 184.

$C_{25}H_{44}O_7$ Substance, from oxidation of the peroxide product of spinacene (CHAPMAN), 774.

25 III

$C_{25}H_{23}O_7N$ Narcotine, influence of papaverine on the optical activity of (ANNETT), 376.

$C_{25}H_{25}O_3N$ Benzylidenethebainone (GULLAND and ROBINSON), 1004.

$C_{25}H_{25}N_2I$ 1:1′-Diethyl-4:4′-carbocyanine iodide (HAMER), 255; (MILLS and BRAUNHOLTZ), 2811.

$C_{25}H_{27}N_4I$ 6:6′-Diamino-1:1′-diethylcarbocyanine iodide (HAMER), 2333.

$C_{25}H_{28}N_2I_2$ Methylenediquinaldine diethiodide (HAMER), 253.

$C_{25}H_{30}IAs$ Tri-β-phenylethylmethylarsonium iodide (TURNER and BURY), 2492.

25 IV

$C_{25}H_{18}ONBr$ Phenylanthronylpyridinium bromide (BARNETT and COOK), 2637.

$C_{25}H_{24}N_2IS$ *p*-Dimethylamino-anil of 2-aldehydo-4:5-diphenylthiazole methiodide (SMITH), 2295.

C_{26} Group.

$C_{26}H_{16}O_6$ Resorcinoldiphenein (DUTT), 226.

$C_{26}H_{16}O_7$ Phloroglucinoldiphenein (DUTT), 227.

$C_{26}H_{18}O_4$ Phenoldiphenein (+ $2H_2O$) (DUTT), 226.

$C_{26}H_{18}S_2$ *meso*-Dithioanthraquinyl diphenyl ether (HEILBRON and HEATON), 180.

$C_{26}H_{20}O_5$ Methoxy-1-piperonylidene-3-α-hydroxypiperonylindene (INGOLD and PIGGOTT), 1508.

26 III

$C_{26}H_{12}O_5Br_4$ Tetrabromoresorcinoldiphenein (DUTT), 227.

$C_{26}H_{24}O_4N_2$ Dianhydro-6-aminopiperonalthebainone, hydrobromide of (GULLAND and ROBINSON), 1005.

$C_{26}H_{25}O_5N$ Piperonylidenethebainone (GULLAND and ROBINSON), 1004.

$C_{26}H_{28}O_3N_4$ Pyocyanine, and its salts (MCCOMBIE and SCARBOROUGH), 3279.

26 IV

$C_{26}H_{25}N_2IS$ 2-*p*-Dimethylaminostyryl-4:5-diphenylthiazole methiodide (SMITH), 2292.

C_{27} Group.

$C_{27}H_{22}N_2$ Benzylidenequinaldine, and its salts (HAMER), 256.

$C_{27}H_{48}O_8$ Substance, from spinacene and hydrogen peroxide (CHAPMAN), 773.

27 III

$C_{27}H_{18}O_3N_4$ 3′-Nitro-5-anilino-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1564.

$C_{27}H_{19}ON_3$ 5′-Anilino-2′-hydroxy-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1564.

$C_{27}H_{25}O_4N_3$ Aniline α-anilino-α-hydroxyhomophthalanilate (KURODA and PERKIN), 2107.

$C_{27}H_{29}N_2I$ 6:6′-Dimethyl-1:1′-diethylcarbocyanine iodide, preparation of (HAMER), 256.

$C_{27}H_{32}N_2I_2$ 6:6′-Dimethylmethylenediquinaldine diethiodide (HAMER), 253.

C_{28} Group.

$C_{28}H_{18}$ Dianthranyl, preparation of (BARNETT and MATTHEWS), 390.

28 II

$C_{28}H_{14}O_5$ 2:2′-Dianthraquinonyl ether (PERKIN and SEWELL), 3036.

$C_{28}H_{16}S_2$ Dithioheptacyclene (HEILBRON and HEATON), 182.

$C_{28}H_{18}O_2$ Dianthrone, preparation of (BARNETT and MATTHEWS), 387.

$C_{28}H_{18}O_6$ Anthragallol dianthrone (BREARE and PERKIN), 2608.

$C_{28}H_{18}Cl_2$ Dichlorodihydrodianthranyl (BARNETT and MATTHEWS), 2554.

$C_{28}H_{18}S$ Dianthranyl sulphide (HEILBRON and HEATON), 184.

$C_{28}H_{18}S_2$ Dithiodianthrone (HEILBRON and HEATON), 183.

$C_{28}H_{18}S_4$ Bisthioanthrone disulphide (HEILBRON and HEATON), 183.

$C_{28}H_{20}O$ α-Anthrapinacolin (BARNETT and MATTHEWS), 391.

28 III

$C_{28}H_{14}O_4S$ Dianthraquinonyl sulphides (PERKIN and SEWELL), 3037.

$C_{28}H_{14}O_5S$ Dianthraquinonyl sulphoxides, and their salts (PERKIN and SEWELL), 3038.

$C_{28}H_{14}O_6S$ Dianthraquinonylsulphones (PERKIN and SEWELL), 3039.

$C_{28}H_{16}O_2Cl_2$ 1:1′-Dichloro-9:9′-dianthrone (BARNETT and MATTHEWS) 2553.

$C_{28}H_{25}N_2I$ Benzylidenediquinaldine methiodide (HAMER), 258.

28 IV

$C_{28}H_{30}O_{10}N_3Sb$ Tri-5-nitro-*m*-xylylstibine diacetate (GODDARD), 2322.

C_{29} Group.

$C_{29}H_{48}$ Spinacene, constitution, oxidation, and decomposition of (CHAPMAN), 769.

$C_{29}H_{60}$ Spinacane (CHAPMAN), 770.

29 II

$C_{29}H_{54}O_{16}$ Hendecamethyl raffinose (HAWORTH, HIRST, and RUELL), 3128.

29 III

$C_{29}H_{28}N_2I_2$ Benzylidenediquinaldine dimethiodide (HAMER), 258.

$C_{29}H_{29}O_6N_3$ Aniline α-anilino-α-hydroxy-4:5-dimethoxyhomophthalanilate (KURODA and PERKIN), 2104.

29 IV

$C_{29}H_{31}O_2N_4I$ 6:6′-Diacetylamino-1:1′-diethylcarbocyanine iodide (HAMER), 2334.

C_{30} Group.

$C_{30}H_{20}O_7$ Diacetyl derivative of resorcinoldiphenein (DUTT), 227.

$C_{30}H_{22}O_6$ Diacetyl derivative of phenoldiphenein (DUTT), 226.

30 III

$C_{30}H_{28}O_3N_2$ 4:4′-Tetramethyldiamino-2:2′-oxidodiphenyldiphenein (DUTT), 227.

$C_{30}H_{32}N_4I_2S_2$ 2:6-Bis-*p*-dimethylaminostyryl-β-benzbisthiazole dimethiodide (EDGE), 2332.

$C_{30}H_{44}O_3N_2$ Substance, from *d*-longif-1:2-dionemonoxime and benzenesulphonyl chloride (SIMONSEN), 2665.

C_{31} Group.

$C_{31}H_{28}ON_2$ 4:4″-Tetramethyldiaminoanthrafuchsone (MASON), 1546.

C_{32} Group.

$C_{32}H_{22}O_4S$ Diacetylanthranol-2:2′-sulphide (PERKIN and SEWELL), 3039.

$C_{32}H_{32}O_2N_2$ *dl*-Dibenzoyl-βγ-di-*p*-tolylamino-*n*-butane (MORGAN and HICKINBOTTOM), 100.

C_{33} Group.

$C_{33}H_{23}O_2N_5$ Nitrodianilino-2-phenylphenanthriminazoles (A. C. and G. C. SIRCAR), 1564.

33 IV

$C_{33}H_{31}O_2N_2Cl$ 4:4″-Tetramethyldiaminoanthrafuchsone acetic ester chloride (MASON), 1557.

C_{34} Group.

$C_{34}H_{30}O_8$ Tetramethyl anthragallol dianthrone (BREARE and PERKIN), 2609.

34 III

$C_{34}H_{31}O_7N$ Dipiperonylidenethebainol (GULLAND and ROBINSON), 1007.

C_{35} Group.

$C_{35}H_{33}O_7N$ Dipiperonylidenemethyldihydrothebainone (GULLAND and ROBINSON), 1010.

Dipiperonylidenemethylthebainol (GULLAND and ROBINSON), 1010.

C_{38} Group.

$C_{38}H_{33}O_2N_2Cl$ 4:4″-Tetramethyldiaminoanthrafuchsone benzoic ester chloride (MASON), 1556.

C_{39} Group.

$C_{39}H_{29}ON_5$ 5′:7:8-Trianilino-2′-hydroxy-2-phenylphenanthriminazole (A. C. and G. C. SIRCAR), 1565.

C_{40} Group.

$C_{40}H_{26}$ Diphenyldianthranyl (BARNETT and COOK), 2639.

40 II

$C_{40}H_{26}O_6$ Dibenzoyl derivative of phenoldiphenein (DUTT), 226.

$C_{40}H_{30}O_{14}$ Hexa-acetyl anthragallol dianthrone (BREARE and PERKIN), 2608.

40 III

$C_{40}H_{30}O_4N_4$ Diphenyl-3:5:3′:5′-tetracarboxyanilide (BURTON and KENNER), 1045.

$C_{40}H_{37}ON_3$ *NN′N″*-Triphenyl-2:2′:2″-trimethylpararosaniline (BAINES and DRIVER), 1217.

C_{42} Group.

$C_{42}H_{26}O_4$ Dianthranol dibenzoate (BARNETT and MATTHEWS), 388.

42 III

$C_{42}H_{27}O_4P$ Anthranyl phosphate (BARNETT, COOK, and MATTHEWS), 2007.

$C_{42}H_{42}O_3Si_3$ Trianhydrotrisdi-*p*-tolylsilicanediol (PINK and KIPPING), 2836.

$C_{42}H_{44}O_4Si_3$ Dianhydrotrisdi-*p*-tolylsilicanediol (PINK and KIPPING), 2834.

42 IV

$C_{42}H_{33}O_{18}N_{12}Sb$ Tripicryltri-5-aminotri-*m*-xylylstibine (GODDARD), 2322.

42 V

$C_{42}H_{30}O_{18}N_{12}Br_6Sb$ Tripicryltri-6-bromotri-5-aminotri-*m*-xylylstibine dibromide (GODDARD), 2323.

C_{44} Group.

$C_{44}H_{34}O_{16}$ Octa-acetyl anthragallol dianthranol (BREARE and PERKIN), 2608.

C_{45} Group.

$C_{45}H_{42}O_3N_2Sb$ Tri-5-benzoylaminotri-*m*-xylylstibine (GODDARD), 2321.

C_{48} Group.

$C_{48}H_{40}Si_4$ Silicohydrocarbon, oxidation of (KIPPING), 2594.

C_{52} Group.

$C_{52}H_{50}Si_4$ Octaphenyldiethylsilicotetrane (KIPPING), 2598.

C_{56} Group.

$C_{56}H_{44}O$ Tetrabenzyl-α-anthrapinacolin (BARNETT and MATTHEWS), 392.

56 III

$C_{56}H_{66}O_4Si_4$ Tetra-anhydrotetrakisdi-*p*-tolylsilicanediol (PINK and KIPPING), 2837.

ERRATA.

Vol. 103 (Trans., 1913).

Page	Line	
1613	16*	*for* "$C_6H_5\cdot C(=N\cdot OH)$" *read* "$C_6H_5\cdot CH(=N\cdot OH)$."
1622	7	column 3 *for* "101°" *read* "63°."

Vol. 117 (Trans., 1920).

Page	Line	
1044	25	*for* "eighteen" *read* "eight."

Vol. 123 (Trans., 1923).

142	7	*for* "de Vries (*Annalen*, 1905, **343**, 128)" *read* "K. Fries (*Annalen*, 1906, **346**, 128)."
143	5	,, "de Vries" *read* "Fries."
329	bottom	,, "(II.) $CH_2(C\cdot CO_2H)(=C\cdot CO_2H)$" *read* "(III.) $CH_2(C\cdot CO_2H)(=C\cdot CO_2H)$."
345	last line of diagram	*for* "alkali ⇌ acid" *read* "acid ⇌ alkali."
357	14	*for* "cyclo*Propane*" *read* "cyclo*Propene*."
361	24	,, "S.W. 9" *read* "S.W. 7."
491	Table II, column 3	*for* "46·0" *read* "47·9."
,,	,,	,, 6 ,, "38·6" ,, "40·5."
,,	,,	,, 6 ,, "46·4" ,, "47·6."
,,	,,	,, 6 ,, "53·0" ,, "53·7."
818	17	*for* "0·2p" *read* "0·2p^2."
950	13	,, "1889" *read* "1899."
1547	13	,, "CPh_2" *read* "$C(:CPh_2)$."
1582	18	,, "2-methoxy-3-ethoxybenzoic acid" *read* "2-methoxy-3-ethoxybenzaldehyde."
1591	11	,, "carbonate" *read* "bicarbonate."
1622	4*	,, "ethylidenemalonate" *read* "ethylmalonate."
1779	Table IV, column 1	*for* "NaOCl" *read* "NaOH."
1876	18	*for* "$\alpha'\beta$" *read* "$\alpha'\pi$."
2081	21	,, "Royal Society" *read* "Royal and Chemical Societies."
,,	22	,, "a grant which has" *read* "grants which have."
,,	24	,, "British" *read* "Beit."
2804	8*	,, "$CH(S)(N)C_6H_4$" *read* "$CH(S)(N\cdot EtI)C_6H_4$."
3344	13	,, "acids" *read* "acid."
3345	6*,,	"Preiswerk" *read* "Preisweck."
3352	16	,, "$NPhEt\cdot CH(CO_2Et)\cdot CH\cdot CH_3$" *read* "$NPhEt\cdot CH(CO_2Et)\cdot CH_2\cdot CH_3$."
3353	24	,, "Preiswerk" *read* "Preisweck."

* From bottom.